

21,32

621,32

Welsbach Company

1908-09



CATALOG ELEVEN

Manufacturers of
INCANDESCENT GAS GOODS

FACTORIES

GLOUCESTER, N. J. COLUMBUS, O.

W. H. B. & Co. Ltd.

W. H. B. & Co. Ltd.



WELSBACH COMPANY.

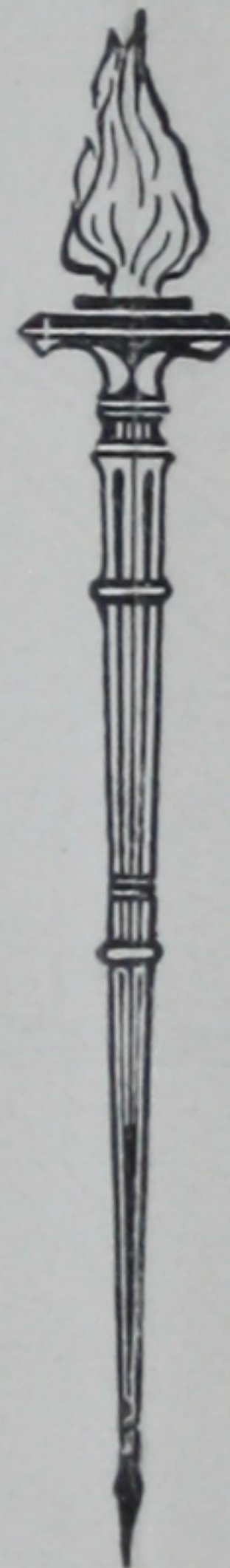
CATALOG NO. 11

SEPTEMBER 1908

SUPERSEDES ALL OTHER PRICE LISTS

Local Departments

BALTIMORE: 14 North Charles Street
BUFFALO: 615 Main Street
CINCINNATI: 429 Main Street
CLEVELAND: 1115 Euclid Avenue
INDIANAPOLIS: 126 N. Pennsylvania Street
NEW YORK: 1133 Broadway
PITTSBURG: 621 Liberty Avenue
ROCHESTER: 34 North Fitzhugh Street
ST. LOUIS: 1011 Olive Street
ST. PAUL: 101 East Sixth Street
WASHINGTON: 439 Seventh Street N. W.
PROVIDENCE: 365 Westminster Street



Branch Wholesale Depots

Western Department

68 and 70 Wabash Avenue, Chicago, Ill.

Middle West Department

116, 118, 120 and 122 E. Chestnut Street
Columbus, Ohio

South Atlantic Coast Department

920 and 922 Chestnut Street, Philadelphia, Pa.

New England Department

22 and 24 Summer Street, Boston, Mass.

New York Department

78 Bowery, New York

Pacific Coast Department

351 and 353 McAllister Street,
San Francisco, Cal.

HOME OFFICE, GLOUCESTER, NEW JERSEY

FACTORIES: GLOUCESTER, N. J.; COLUMBUS, OHIO

TERMS

To purchasers having satisfactory mercantile rating, net cash 30 days.

To purchasers not so rated, goods will be shipped C. O. D.

ALL PRICES not otherwise stated are F. O. B. cars at point of shipment.

Packages will be charged for at cost.

No allowance for Breakage.

WRITE FOR DISCOUNTS

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1090-B7007 TCF

Welsbach Mantles

Style of mounting distinctively Welsbach. Ring-top Cap. Asbestos tied, nickle-wire support, sheathed with a refractory magnesia tube.

The maximum durability of this type of Welsbach Mantles is due to several features peculiar to Welsbach Mantles alone — mantle is rigidly suspended over the cap, thus preventing fraying or breaking at the skirt, due to vibration, the strain being taken up at the head of the mantle, which is hardened with a specially prepared chemical solution. Utilizing a refractory tube makes impossible the bending of the supporting wire.



No. 198. YUSEA BRAND.

Strongest and brightest mantle made.

Price, per dozen, ... \$4.50
 " " 100, ... 35.00



No. 197 J BRAND (ORIGINAL MANTLE).

Exceptional strength and brilliancy.

Price, per dozen, ... \$3.85
 " " 100, ... 30.00



No. 4197. INTENSIVE BRAND, 4 INCHES.

Same quality as J Brand mantle.

Price, per dozen, ... \$4.25
 " " 100, ... 32.00



No. 198 WELSBACH ARC.

Extra White Light, made especially for use with gas arc lamps.

Price, per dozen, ... \$3.85
 " " 100, ... 30.00

NOTE.—When above mantles are ordered for use on natural gas they will be supplied with plain gauze.

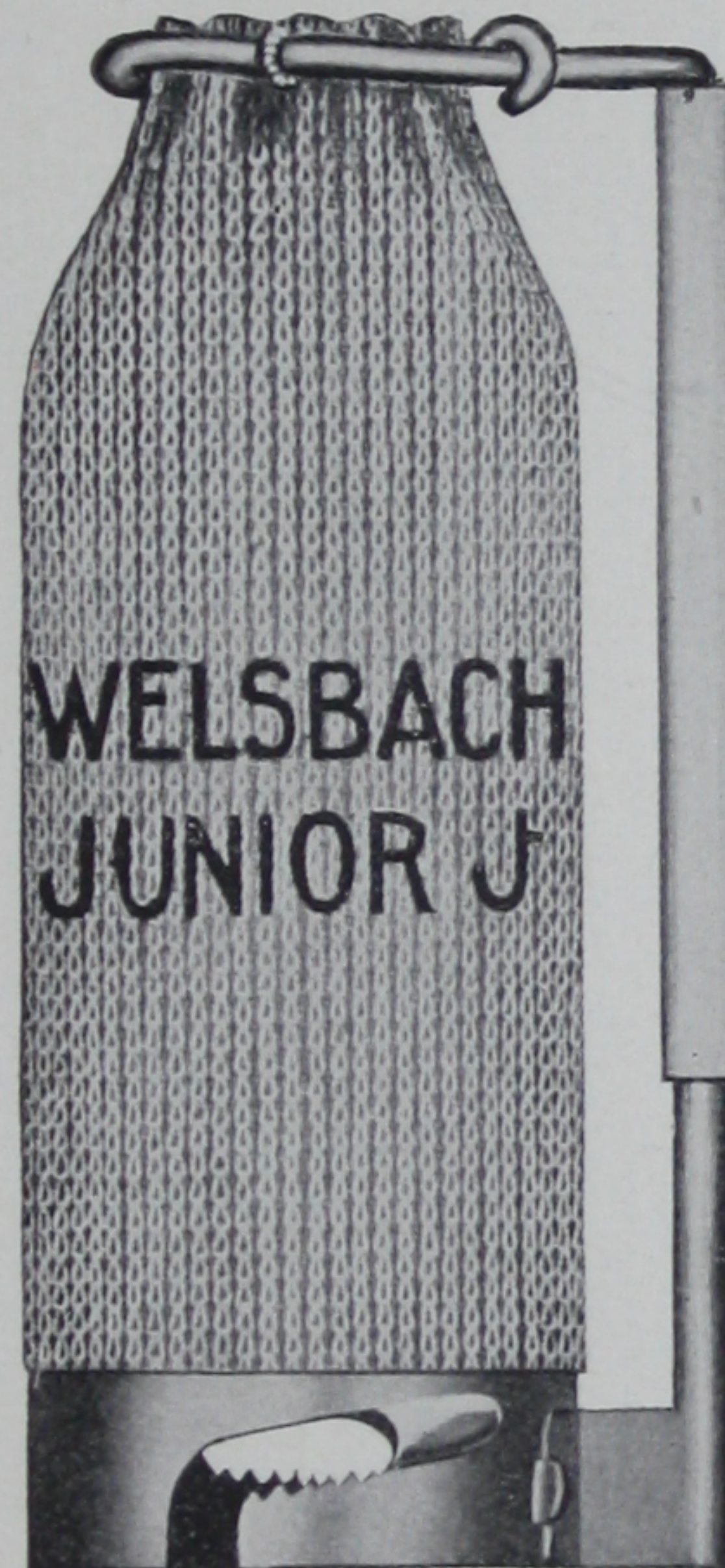
Welsbach Mantles



No. 199.

First quality, extra white light, heavy weave, mounted on cap with double-wire support.

Price, per dozen, ... **\$3.25**
 " " 100, ... **25.00**



No. 196. JUNIOR J BRAND.

Mounted 1 inch shorter than No. 197. In all other respects same grade and quality as J Brand mantle.

Price, per dozen, ... **\$3.25**
 " " 100, ... **25.00**



No. 991. MEL-O-LITE BRAND.

Same quality as J Brand mantle, mounted on cap with double-wire support; soft, diffusive light.

Price, per dozen, ... **\$3.25**
 " " 100, ... **25.00**



No. 2 C. WELSBACH.

Mounted on cap with double-wire support.

Price, per dozen, ... **\$2.55**
 " " 100, ... **20.00**

NOTE.—When above mantles are ordered for use on natural gas they will be supplied with plain gauze and cement coated supports without extra charge.

Welsbach Mantles



No. 3 S. WELSBACH.
Single Weave

An excellent mantle for the price. Mounted on cap with double-wire support.

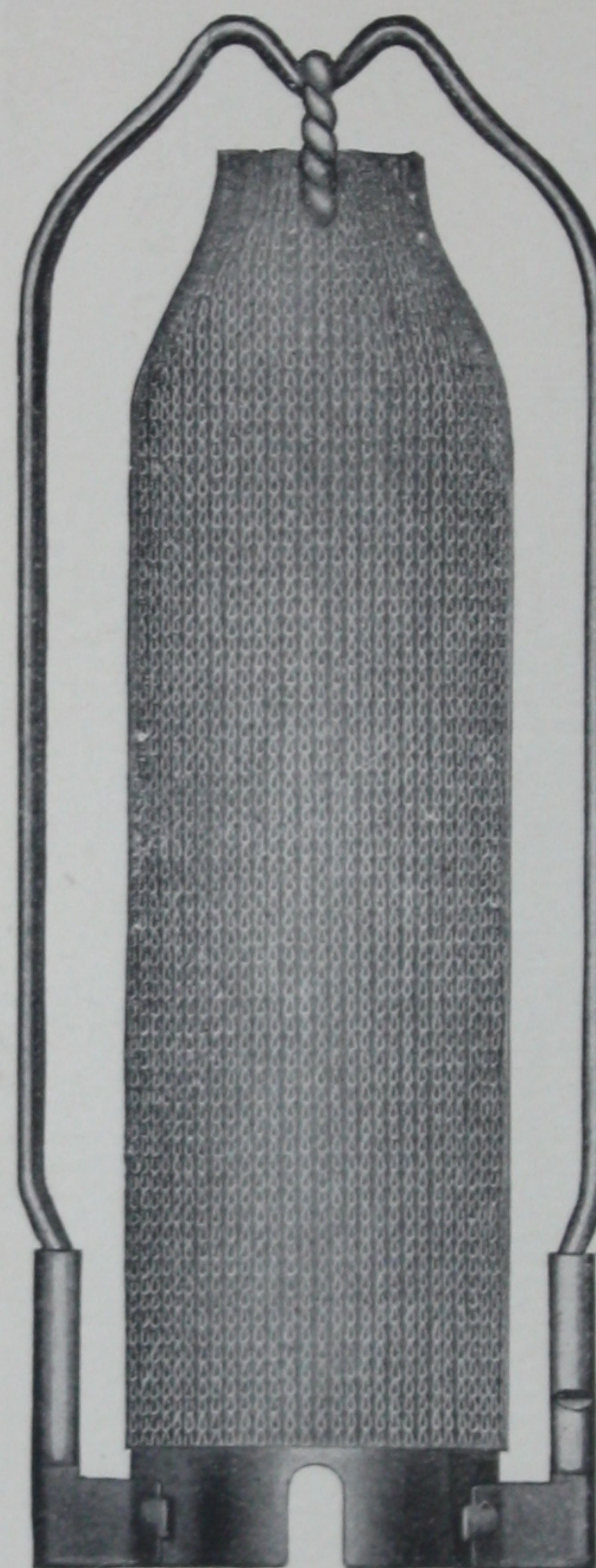
Price, per dozen,....\$2.00
" " 100,.....15.00



No. 3 T. WELSBACH.
Triple Weave

An excellent mantle for the price. Same mounting as No. 3 S.

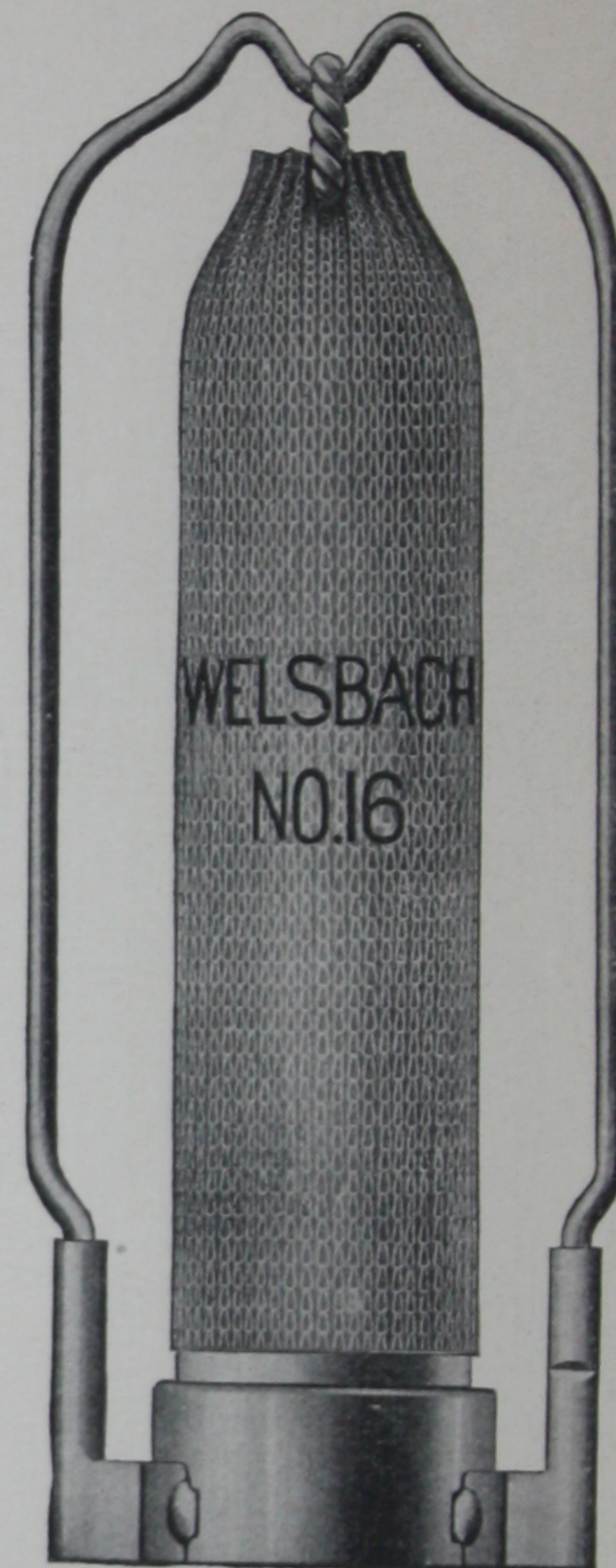
Price, per dozen,....\$2.00
" " 100,.....15.00



No. 4. WELSBACH.
Single Weave

A low priced mantle. Mounted on cap with double-wire support.

Price, per dozen,....\$1.50
" " 100,.....10.00



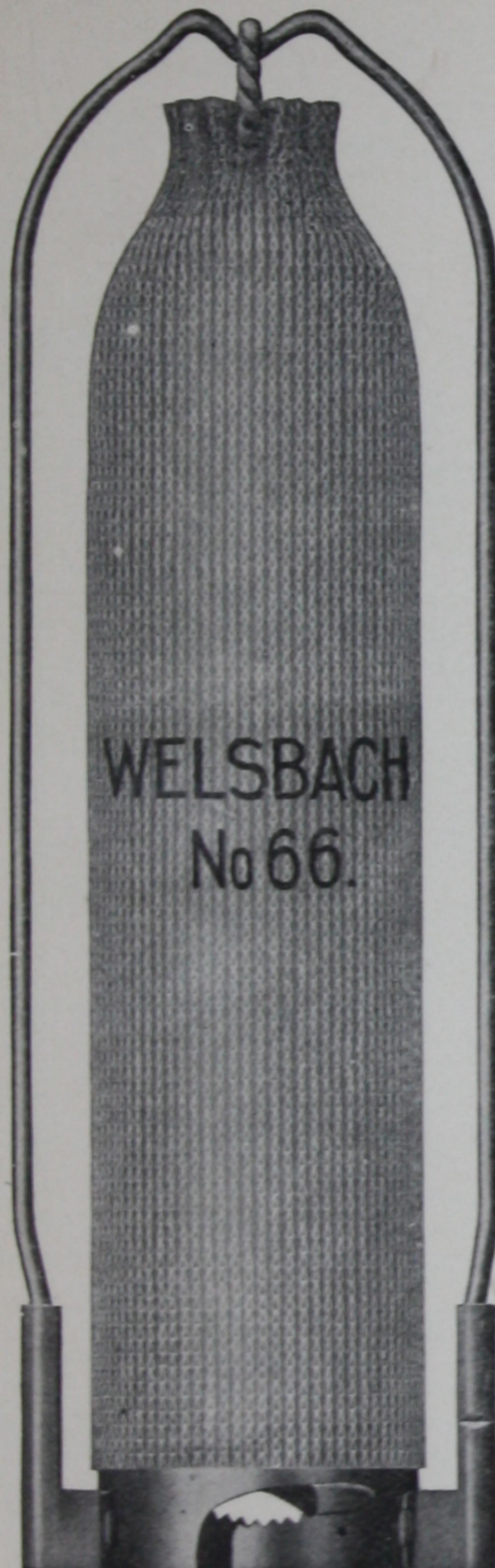
No. 16. FIRST QUALITY
WELSBACH.

Single weave, 3 inches long, mounted on a reducing cap to fit all standard burner heads. An excellent mantle for residence lighting.

Price, per dozen,....\$2.00
" " 100,.....15.00

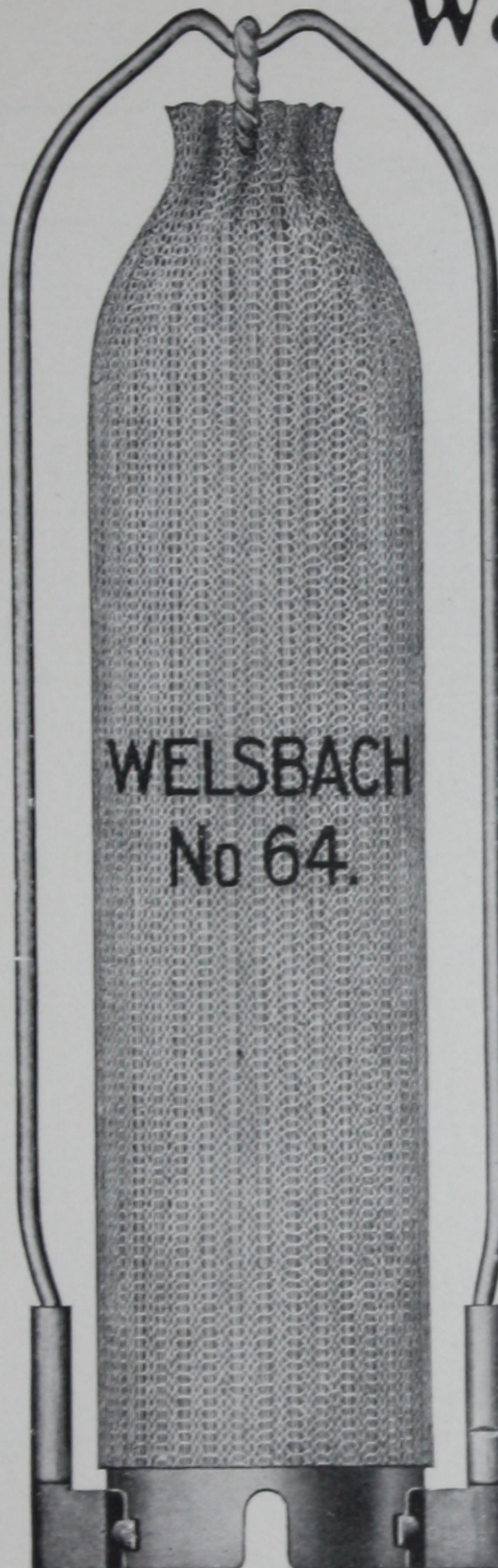
N. B.—No. 3 Welsbach Mantles are furnished in both single and triple weave. Specify when ordering.

Welsbach Mantles



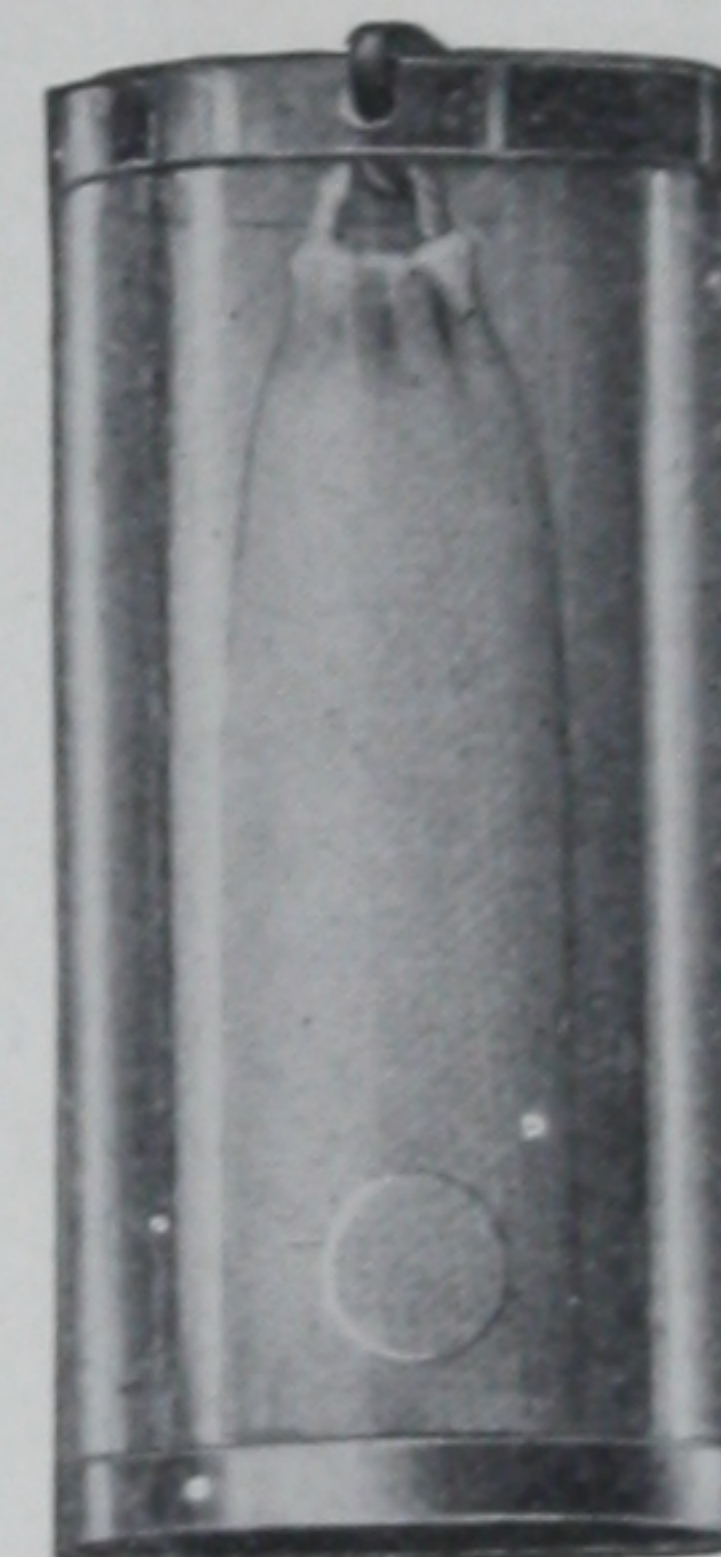
No. 66. FIRST QUALITY WELSBACH.

Heavy single weave, 4½ inches long, mounted on cap with nickel double-wire support.
Price, per dozen,.....\$3.25
" " 100,.....24.00



No. 64. FIRST QUALITY WELSBACH.

Double weave, 4½ inches long, mounted on cap with nickel double-wire support.
Price, per dozen,.....\$3.60
" " 100,.....27.00



WELSBACH JUNIOR MANTLE-CHIMNEY.

Mantle—single weave J quality 2½ in. long. Chimney—Air-hole type, made from first quality mica. For detail description see page 26.

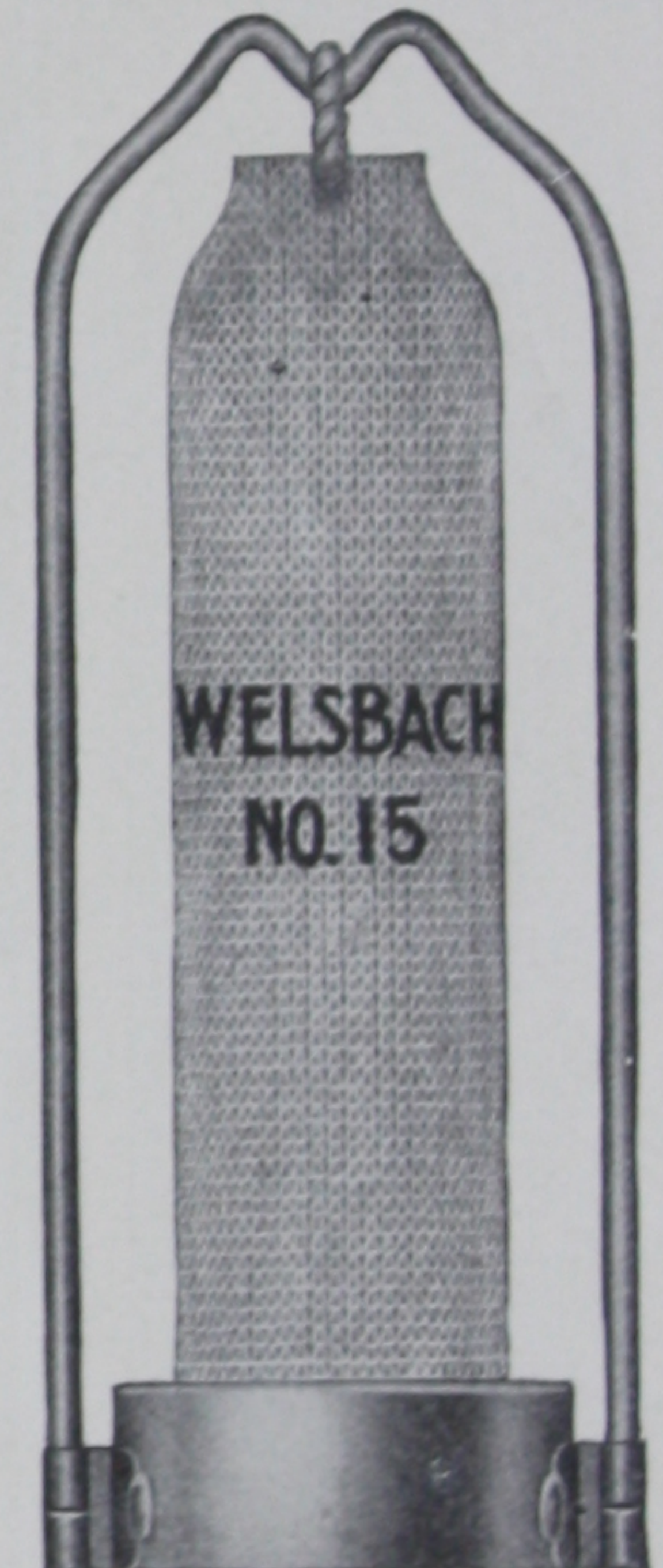
Price, per doz., \$3.25
" " 100, 25.00



No. 63.

Small Welsbach Mantle, first quality, mounted on cap with nickel double-wire support. For use on No. 63 or No. 72 Welsbach Burners.

Price, per dozen, \$1.80
" " 100,....13.50



No. 15.

Same quality and size as No. 63, mounted on a reducing cap with nickel double-wire support. For use on all burners of standard diameters.—also No. 63 and No. 72 Welsbach burners.

Price, per dozen, \$1.80
" " 100,....13.50

Welsbach Mantles

Gas Arc Lamp Mantles

Fit burners of all Arc Lamps. These mantles will be shipped mellow light in color unless otherwise specified.



No. 193.

First quality, heavy single weave, $3\frac{3}{4}$ inches long.

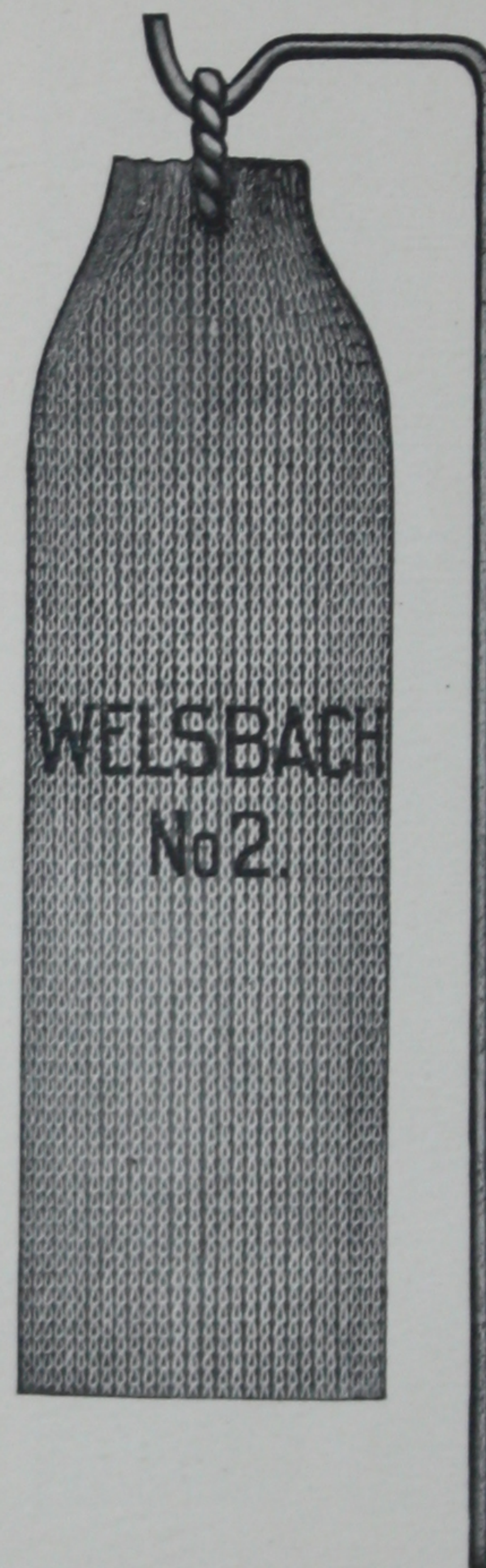
Magnesia support not included in price
 Price, per dozen, **\$2.00**
 " " 100, **15.00**



No. 194.

First quality, heavy single weave, $4\frac{1}{2}$ inches long.

Magnesia support not included in price
 Price, per dozen, **\$2.40**
 " " 100, **17.25**



No. 2 L. WELSBACH.

Asbestos loop with hook support, without cap.

Price, per dozen, **\$2.00**
 " " 100, **15.00**

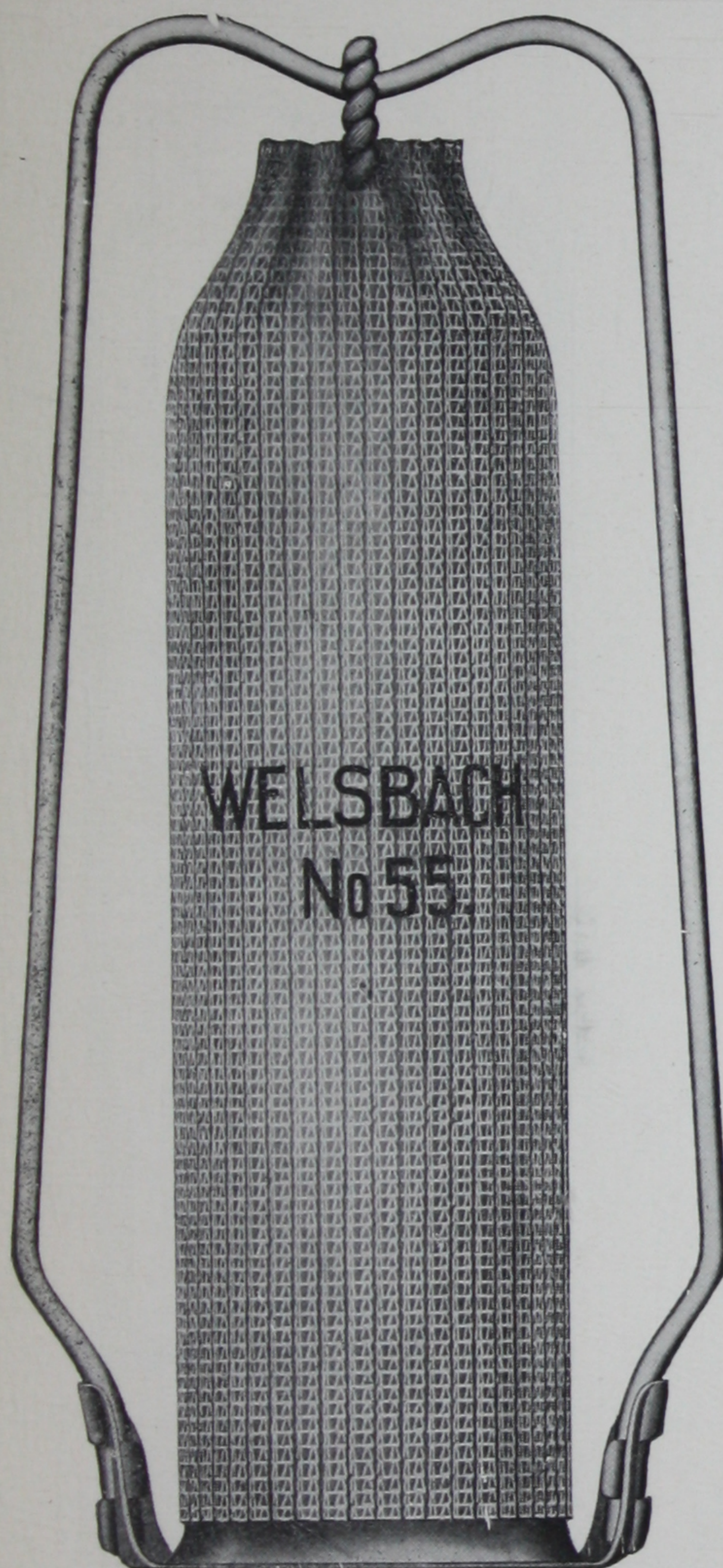


No. 26 L. WELSBACH.

Heavy weave, with hook support, for Gravity Gasoline Lamps.

Price, per dozen, **\$2.70**
 " " 100, **18.00**

Welsbach Mantles for Pressure Gasoline Lamps

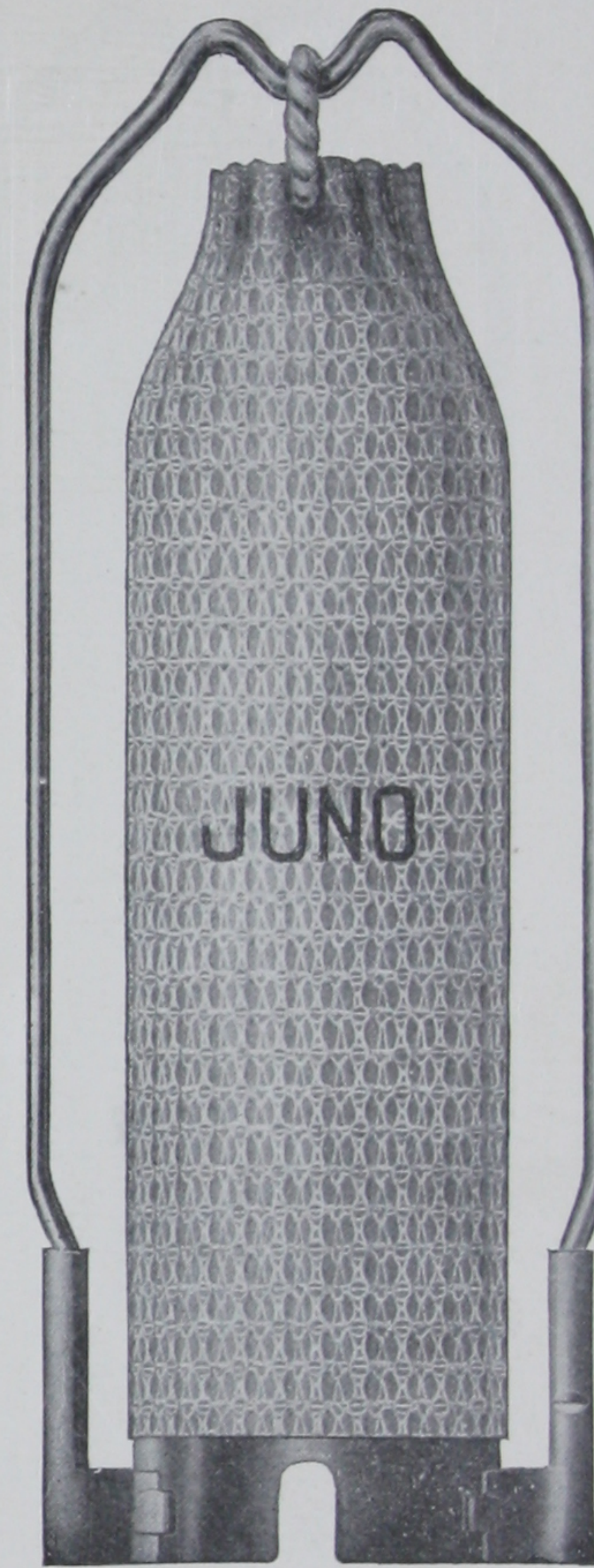


No. 55 C. FIRST QUALITY WELSBACH.
Heavy double weave, $4\frac{1}{2}$ inches long.
Loop. Cap.
Price, per dozen,.....\$3.15 \$3.65
" " 100,..... 22.50 26.50

No. 56 C. FIRST QUALITY WELSBACH.
Heavy single weave, $4\frac{1}{2}$ inches long.
Loop. Cap.
Price, per dozen,.....\$3.00 \$3.50
" " 100,..... 21.00 25.00

Mantles—Consolidated Brands

Manufactured by CONSOLIDATED INCANDESCENT LIGHT CO.,
Licensed Manufacturers.



No. 222 C. DOUBLE WIRE CAP.
MAJESTIC BRAND,
Double Weave.

Price, per dozen,..... \$1.95
" " 100,..... 14.50
No. 222 L. LOOP MANTLE WITH
HOOK SUPPORT.
Price, per dozen,..... \$1.65
" " 100,..... 12.25

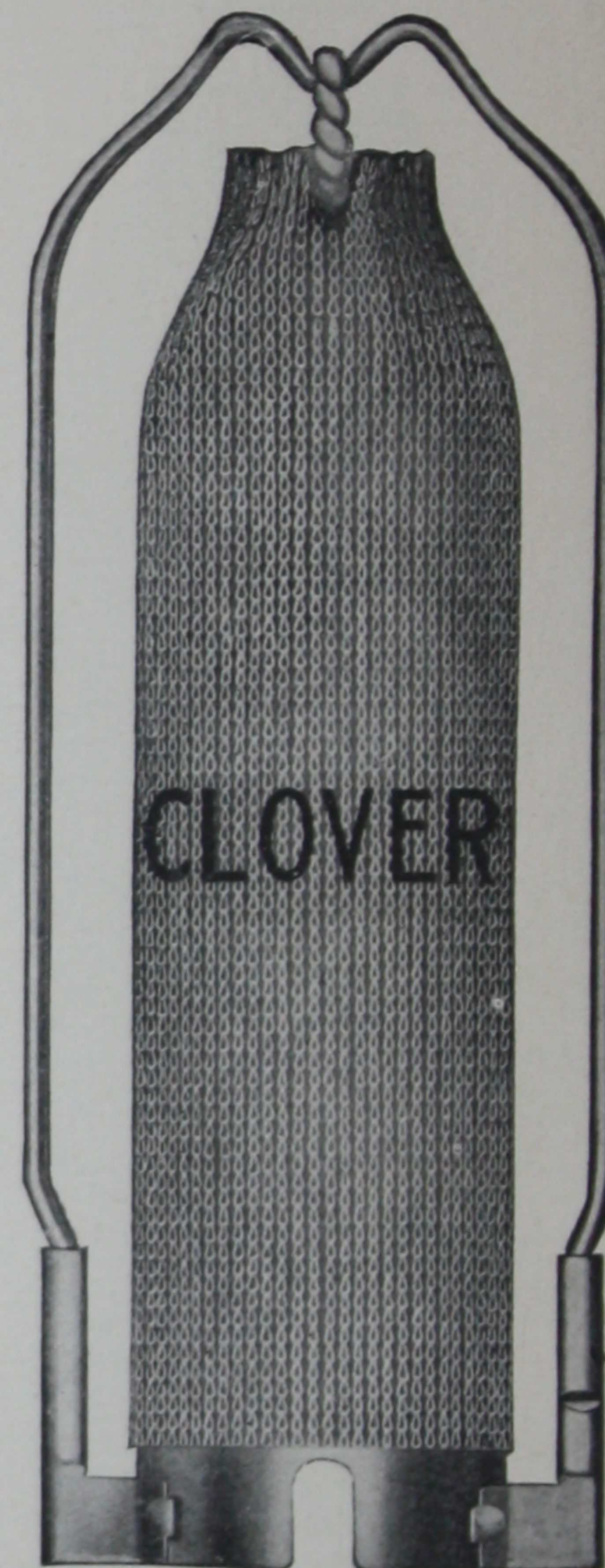
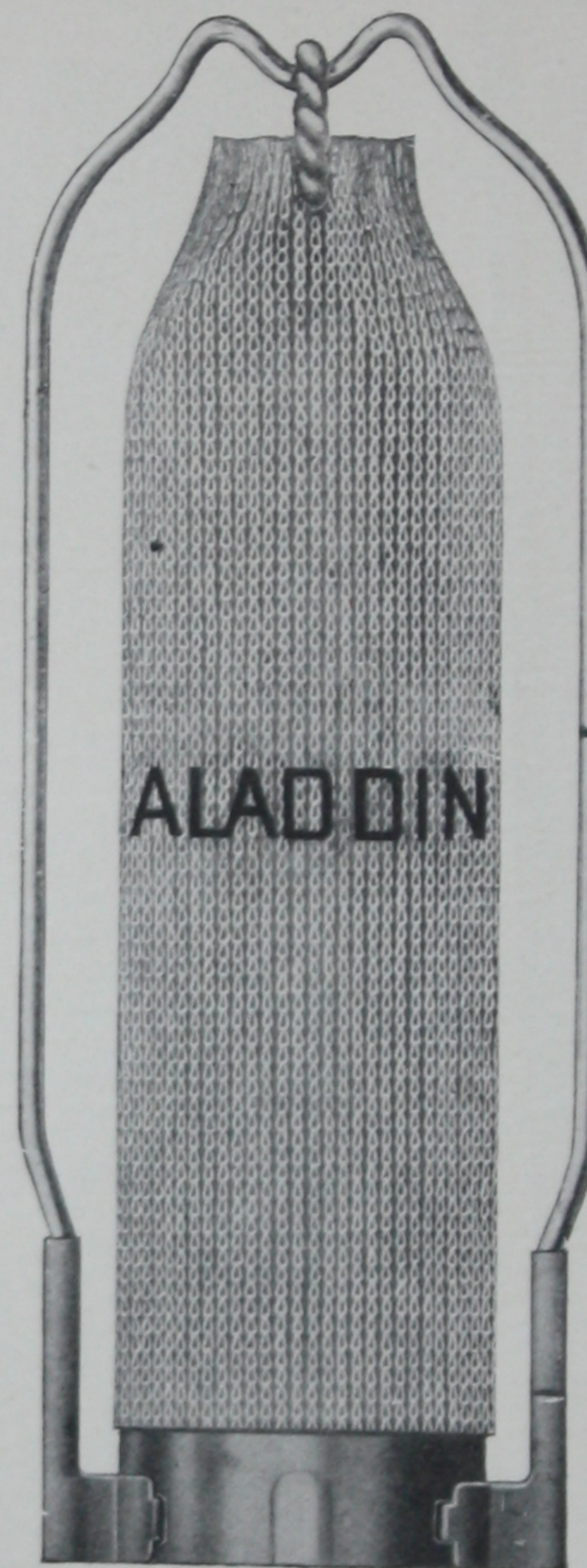
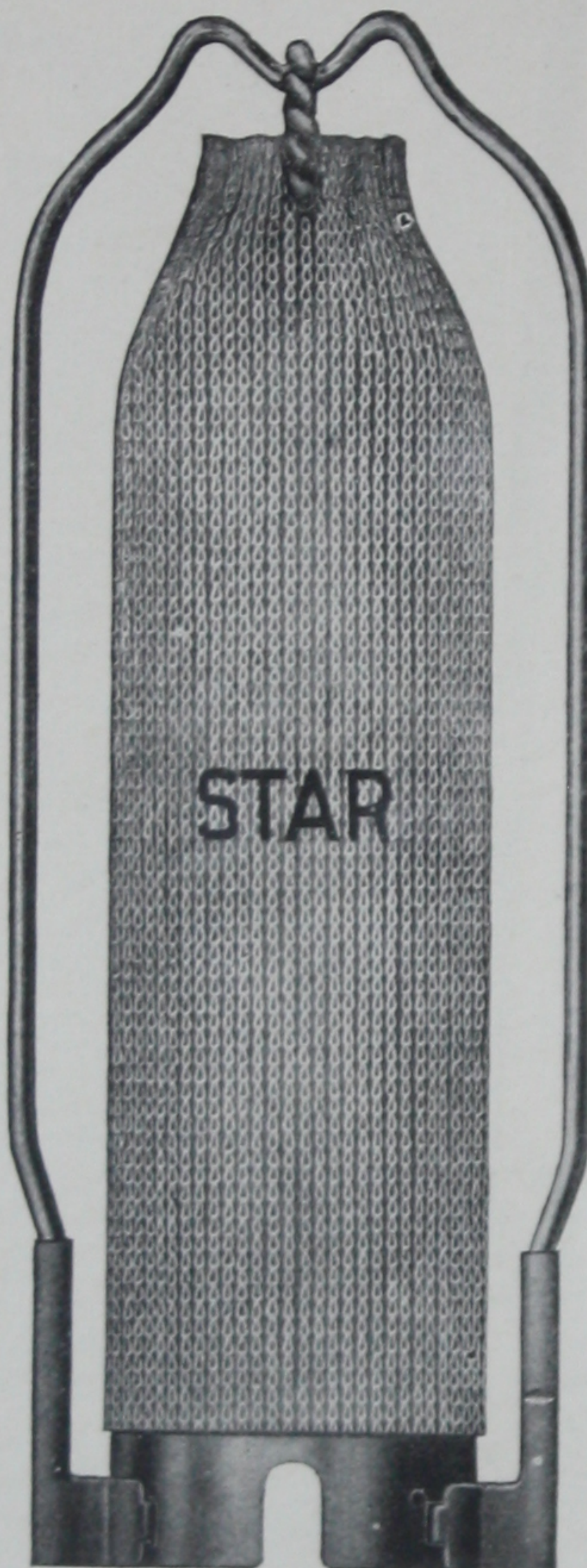
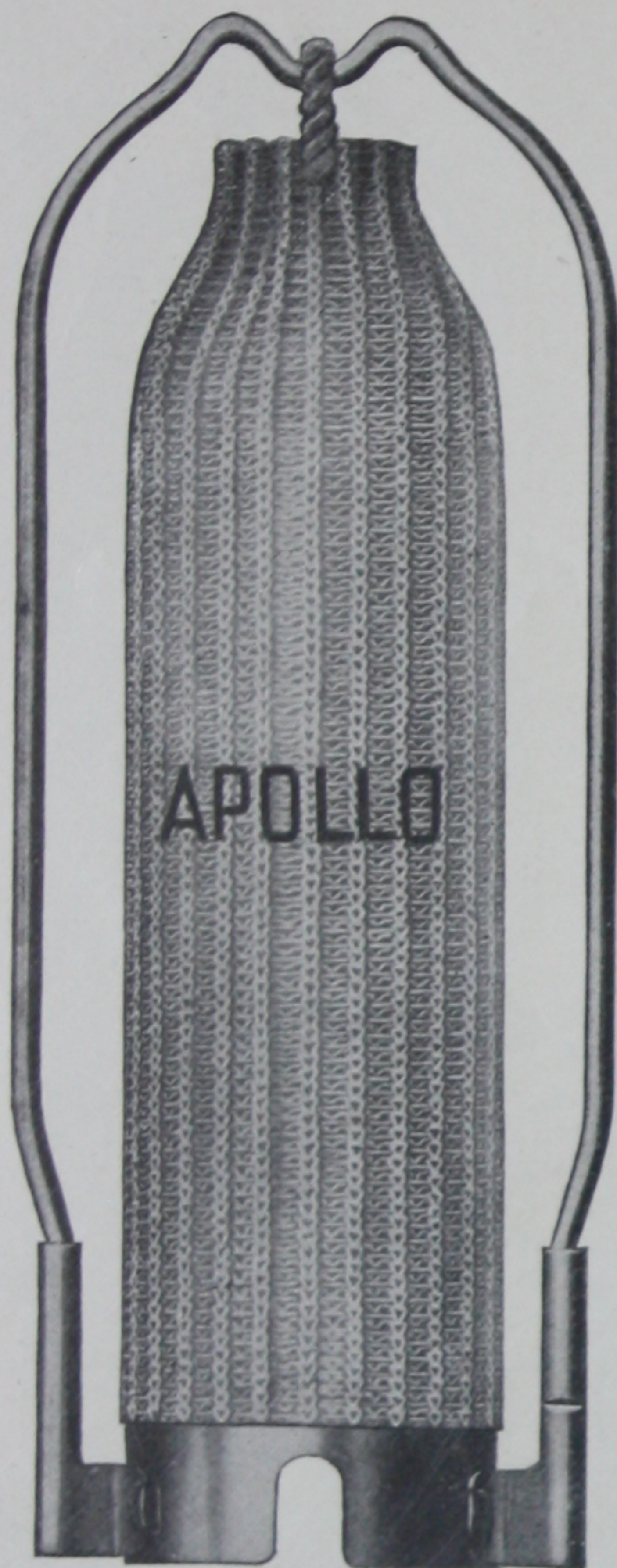
No. 200 C. DOUBLE WIRE CAP.
JUNO BRAND,
Triple Weave.

Price, per dozen,.....\$1.95
" " 100,..... 14.50
No. 200 L. LOOP MANTLE WITH
HOOK SUPPORT.
Price, per dozen,.....\$1.65
" " 100,..... 12.25

The two Mantles shown above are $3\frac{1}{2}$ inches in length. When furnished $4\frac{1}{2}$ inches in length, add to list prices \$1.55 per hundred for loop or cap.

Mantles—Consolidated Brands

Manufactured by CONSOLIDATED INCANDESCENT LIGHT CO., Licensed Manufacturers.



No. 99 C. DOUBLE WIRE CAP.
APOLLO BRAND,
Horizontal Weave.

Price, per dozen,..... **\$1.95**
" " 100,..... **14.50**

No. 99 L. LOOP MANTLE WITH
HOOK SUPPORT.

Price, per dozen,..... **\$1.65**
" " 100,..... **12.25**

No. 98 C. DOUBLE WIRE CAP.
STAR BRAND,
Heavy Single Weave.

Price, per dozen,..... **\$1.95**
" " 100,..... **14.50**

No. 98 L. LOOP MANTLE WITH
HOOK SUPPORT.

Price, per dozen,..... **\$1.65**
" " 100,..... **12.25**

No. 97 C. DOUBLE WIRE CAP.
ALADDIN BRAND,
Medium Single Weave.

Price, per dozen,..... **\$1.85**
" " 100,..... **13.25**

No. 97 L. LOOP MANTLE WITH
HOOK SUPPORT.

Price, per dozen,..... **\$1.60**
" " 100,..... **11.25**

No. 301 C. DOUBLE WIRE CAP.
CLOVER BRAND,
Light Single Weave.

Price, per dozen,..... **\$1.70**
" " 100,..... **11.25**

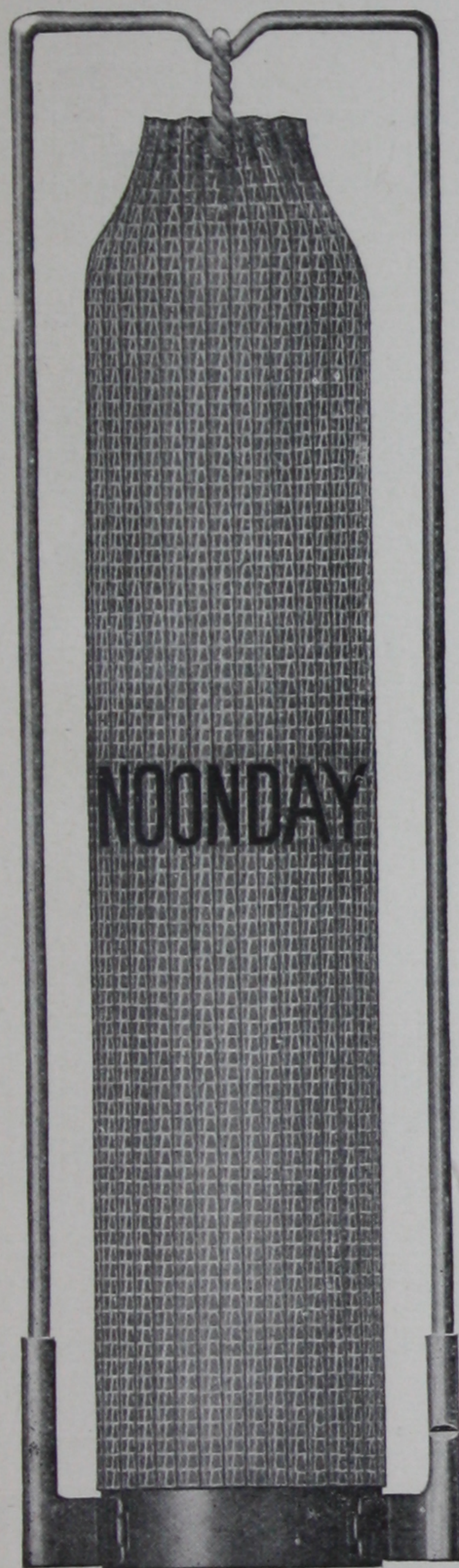
No. 301 L. LOOP MANTLE WITH
HOOK SUPPORT.

Price, per dozen,..... **\$1.35**
" " 100,..... **8.00**

All the above mantles are 3½ inches in length. When furnished 4½ inches in length, add to list prices **\$1.55** per hundred for loop, or cap.

Mantles—Consolidated Brands. To fit odd size burners

Manufactured by CONSOLIDATED INCANDESCENT LIGHT CO., Licensed Manufacturers.



No. 46 C. NOONDAY BRAND.

Double weave, extra white light, $5\frac{1}{8}$ in. long, mounted on double-wire cap to fit burner heads $1\frac{1}{8}$ in. in diameter.

Price, per doz., \$3.35; 100, \$24.75



No. 48 C. ARGENT BRAND.

Single weave, extra white light, $4\frac{1}{4}$ inches long, mounted on double-wire cap to fit burner heads $\frac{3}{4}$ inches diameter. This mantle is mounted on a carrier of three diameters, to fit both sizes of No. 5 Airlight, as well as standard burner head.

Price, per doz., \$2.50; 100, \$19.00



No. 45 C. HERALD BRAND.

Heavy single weave, extra white light, $4\frac{1}{2}$ inches long, mounted on a nickel double-wire cap to fit burner heads $1\frac{3}{8}$ inches in diameter.

Price, per doz., \$2.80; 100, \$21.25



No. 49 C. RAINBOW BRAND.

Medium single weave, white light, $4\frac{1}{2}$ inches long, mounted on double-wire cap to fit burner heads $1\frac{3}{8}$ inches diameter.

Price, per doz., \$2.25; 100, \$15.75

Welsbach Side-Rod Burners

Burners quoted in case lots are F. O. B. Waterbury, Conn.



No. 60 B.

Improved Universal Welsbach Burner, with improved center-hole regulating bunsen, and removable side-rod fittings.

Price, per dozen,\$6.00
 " " 100,48.00
 " case of 432 burners, ..200.00

No. 71 S. R.

Improved Welsbach Burner, with removable side-rod fittings and improved center-hole regulating bunsen.

Price, per dozen,\$5.75
 " " 100,45.00
 " case of 432 burners, 190.00

Welsbach Gallery Burners

Burners quoted in case lots are F. O. B. Waterbury, Conn.

The No. 71 Welsbach Burner has demonstrated that for efficiency, durability, finish and uniform quality it is in a class by itself. Its enormous sales both in this and foreign countries, is a well-earned tribute to its worth.



No. 71 B.

Welsbach Burner, with improved center-hole regulating bunsen, for use with 2-inch glassware.

Price, per dozen,\$5 00
 " " 100,39.00
 " case of 432 burners,165.00

No. 66 B.

Improved high-candle power Welsbach Gallery Burner, with improved center-hole regulating bunsen.

Price, per dozen,\$6.00
 " " 100,48.00
 " case of 432 burners,200.00

No. 72 B.

Welsbach Burner, same as No. 71 B Burner, for use with No. 63 or No. 15 Welsbach Mantle.

Price, per dozen,\$5.00
 " " 100,39.00
 " case of 432 burners,165.00

Welsbach Gallery Burners

Burners quoted in case lots are F. O. B. Waterbury, Conn.

The large sales of the No. 82 Burner the past season indicate that the trade and fixture manufacturers appreciate the desirability of properly "dressing" a combination fixture. Its general lines closely follow the electric socket and 2¼-inch fitter permits the use of the same style and size globe on both electric and gas outlets.

A most pleasing effect in both illumination and artistic design.



No. 82 B.

A new Welsbach Burner for use on combination gas and electric fixtures. Finished in brushed or polished brass.

	Brush Brass	Polished Brass
Price, per dozen, . . .	\$5.50	\$5.00
" " 100, . . .	43.50	39.00
" " case of 432 burners, . . .	183.00	165.00



No. 61 B.

Improved Universal Welsbach Gallery Burner, with improved center-hole regulating bunsen. Adjustable fittings permit use of incandescent electric globes, 4-inch gas globes and all standard incandescent glassware.

Price, per dozen, . . .	\$5.00
" " 100, . . .	39.00
" " case of 432 burners, . . .	165.00

No. 63 B.

Welsbach Gallery Burner, for use with No. 63 or No. 15 Welsbach Mantle; otherwise, same as No. 61 B using adjustable fittings.

Price, per dozen, . . .	\$5.00
" " 100, . . .	39.00
" " case of 432 burners, . . .	165.00

Gallery Burners

Burners quoted in case lots are F. O. B. Waterbury, Conn.



No. 84 B. BURNER.

Improved needle-valve gas adjustment; bright dipped finish; 2-inch glassware fitter.

Price, per dozen, . . .	\$2.30
" " 100, . . .	18.25
" case of 500 burners, . . .	87.75



No. 2 B.

Consol Gallery Burner.

Price, per dozen, . . .	\$1.30
" " 100, . . .	9.50
" case of 500 burners, . . .	45.00

Competitive Gallery Burners

Burners quoted in case lots are
F. O. B. Waterbury, Conn.

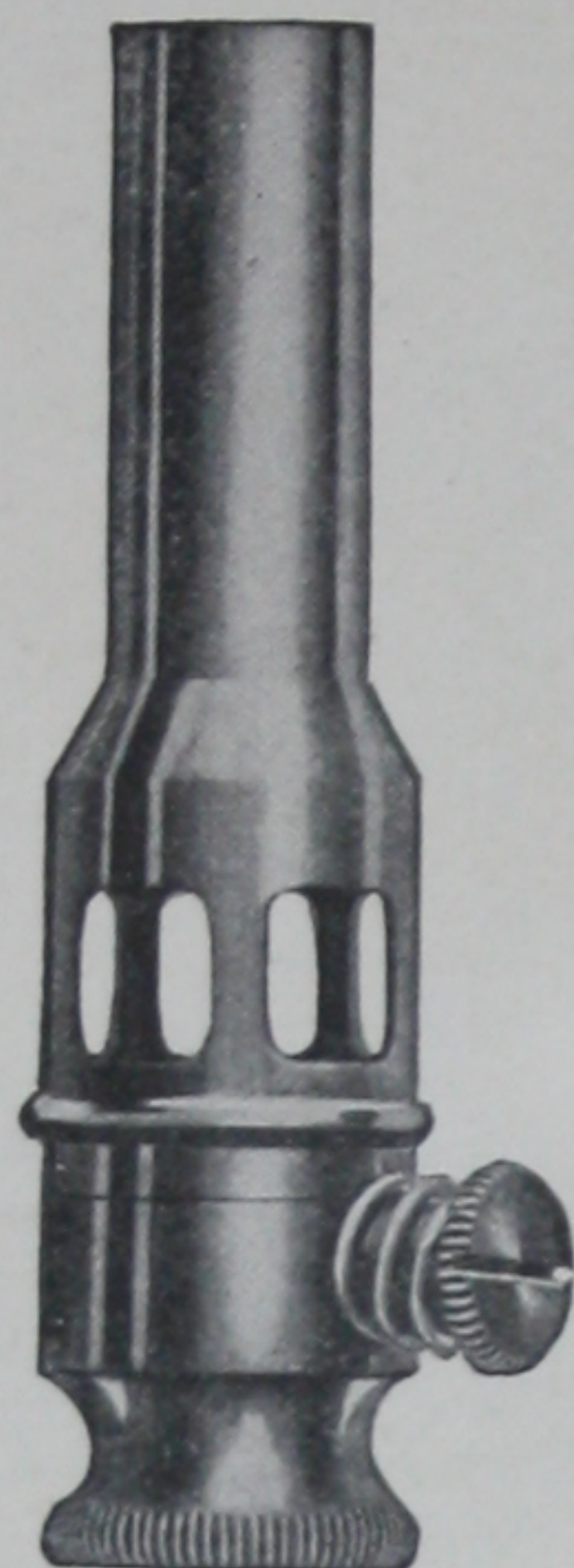


No. 85 B. BURNER.
Improved needle-valve gas adjustment;
bright dipped finish; 2-inch glassware
fitter.
Price, per dozen,\$3.25
" " 100,25.25
" " case of 500 burners,101.25



No. 79 B. BURNER.
Needle-valve adjustment; dipped finish;
2-inch glassware fitter. Solid deck for
air-hole glassware. (Open deck will be
supplied for use on natural gas, when
specified.)
Price, per dozen,\$1.50
" " 100,10.80
" " case of 500,49.50

Bunsens



No. 14. BUNSEN TUBE, WITH NEEDLE-
VALVE ADJUSTMENT.
For use with all types of Universal
Welsbach burners on natural gas.
Price, per dozen,\$3.65



No. 61. IMPROVED CENTER-HOLE
REGULATING BUNSEN TUBE.
For use on all Universal types of
Welsbach Burners.
Price, per dozen,\$3.65

Globe Rings and Deck Plates

No. 28 Globe Ring



By means of this Globe Ring, glass-
ware with 2 $\frac{3}{8}$ -inch fitter can be
used with 2-inch Gallery Burners.

Price, per dozen,\$0.70
" " 100, 5.25

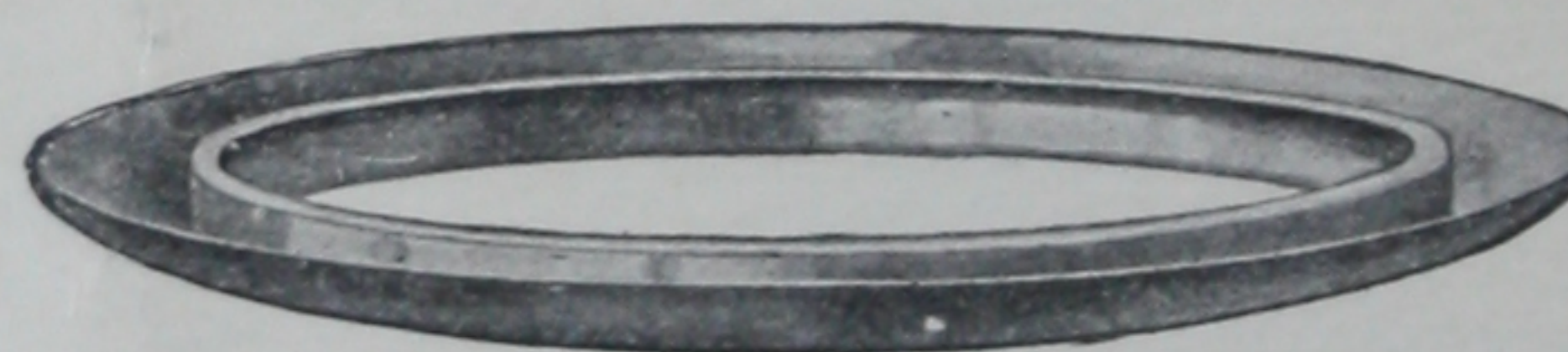
No. 66 Deck Plate



By means of this Deck Plate the
No. 66, No. 71 and No. 72 Burn-
ers may be used with standard or
air-hole glassware.

Price, per 100,\$0.70
" " 1000, 6.00

No. 61 Globe and
Bobesche Ring



For use on Universal Welsbach
Burners.

Price, per dozen,\$0.70
" " 100, 5.25

No. 61 Deck Plate



By means of this Deck Plate and
the No. 310 Air-hole Cylinder
(shown on page 23), a variety of
fancy glassware can be used with
the No. 61 Burner and the high
candle-power of air-hole lights
obtained.



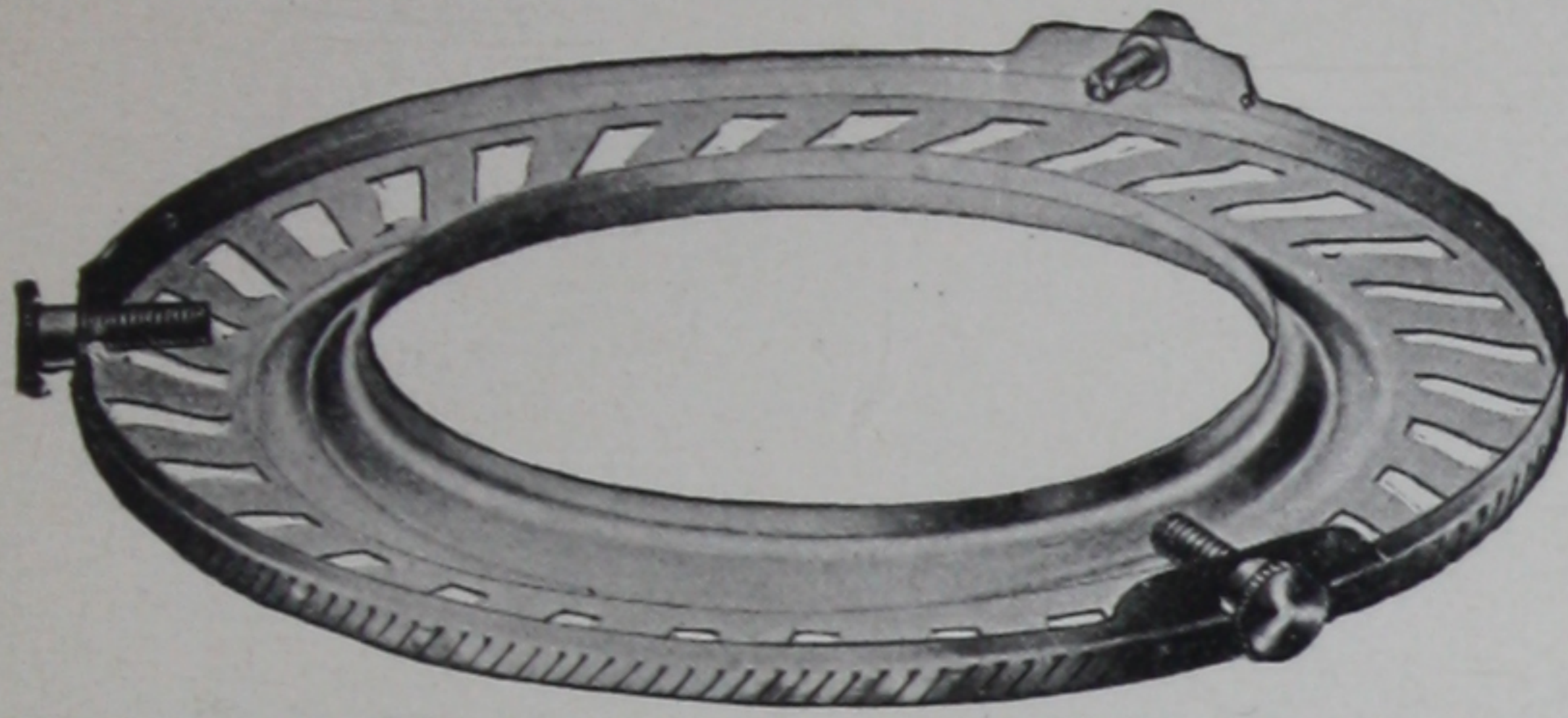
No. 61. FLASH DIAPHRAGM.
Price, per dozen,\$1.05
" " 100, 8.00

Price, per 100,\$1.20
" " 1000, 11.00

Globe and Shade Holders

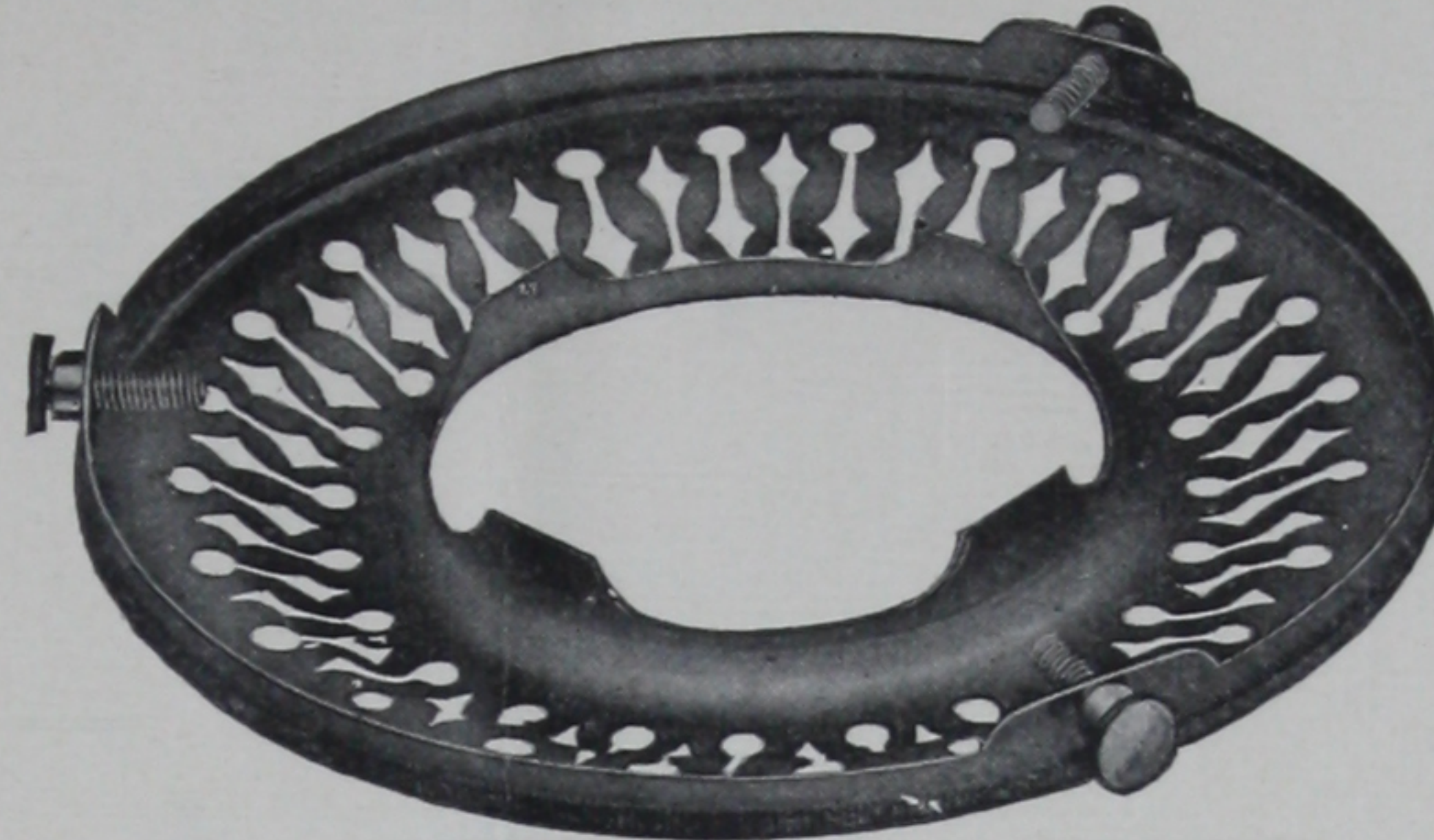
Seed Beaded Fringe

NOTE.—A metre measures about 39 inches.



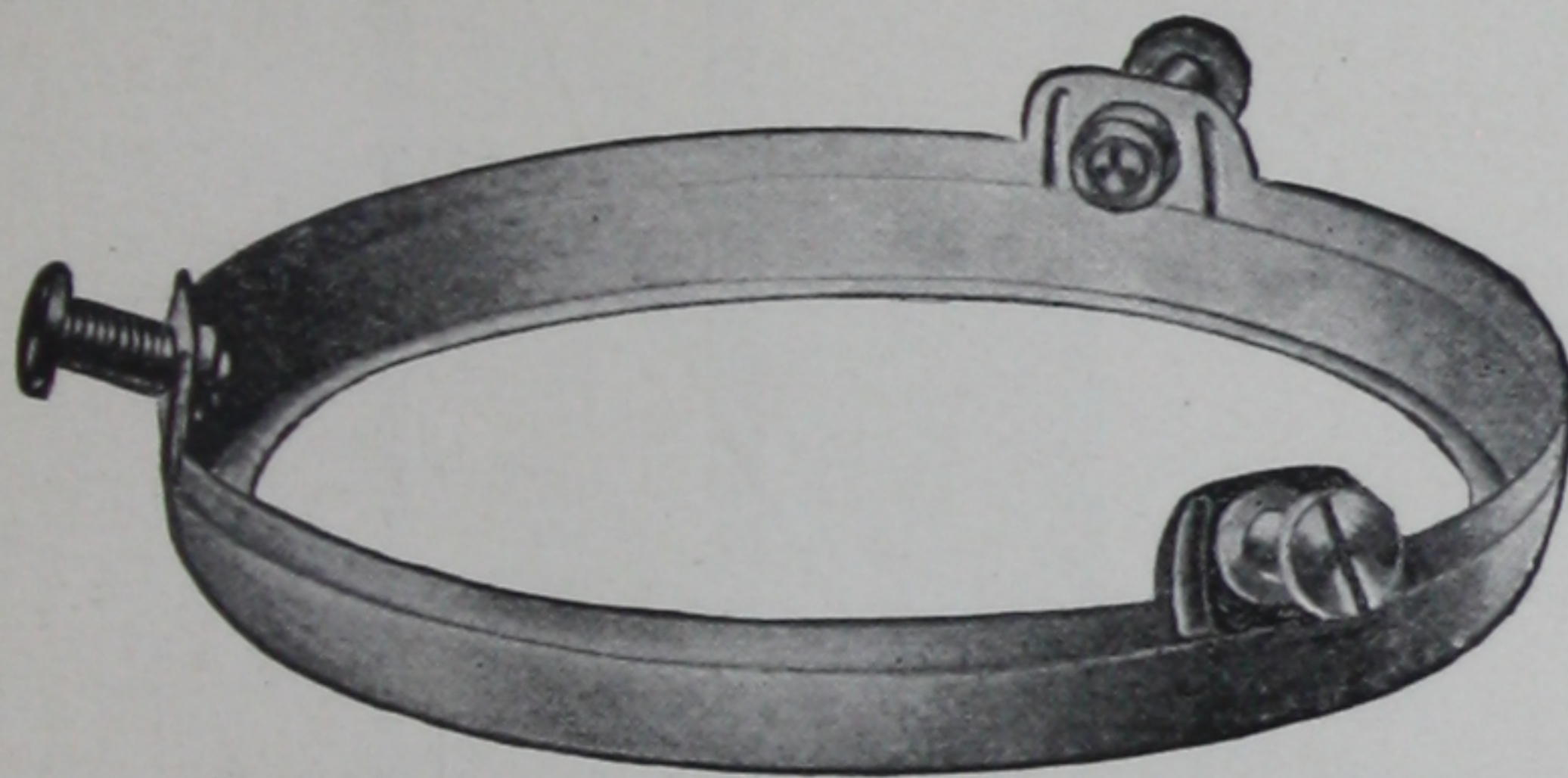
No. 16. 4-INCH GAS GLOBE RING.

For use with the No. 61 or No. 63 Universal Welsbach Burner. Price, **\$1.75** per dozen; per 100, ... **\$14.00**



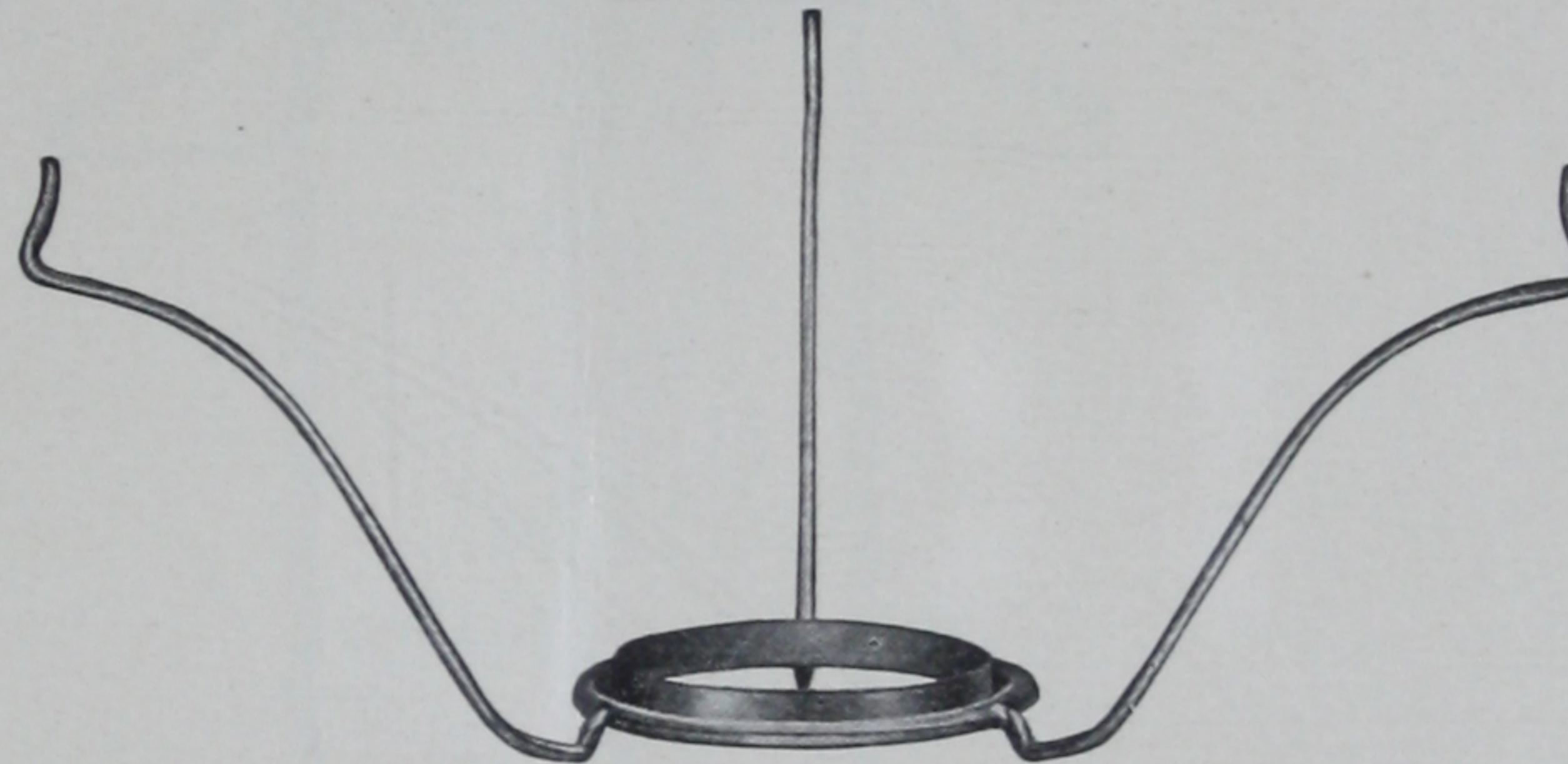
No. 30. 4-INCH GAS GLOBE RING.
For use on Burners with 2-inch Fitters.

Price, per dozen, **\$1.75**; per 100, **\$14.00**



No. 17. ELECTRIC GLOBE RING.

For use with the No. 61 or No. 63 Universal Welsbach Burner. Price, **\$1.10** per dozen; per 100, ... **\$8.50**



No. 66. 10-INCH TRIPOD SHADE SUPPORT.
Price, **\$2.10** per dozen; per 100, **\$15.00**

No. 66. 8-INCH TRIPOD SHADE SUPPORT.
Price, **\$1.85** per dozen; per 100, **\$13.50**

No. 66. 5-INCH TRIPOD SHADE SUPPORT.
Price, **\$1.75** per dozen; per 100, **\$12.00**

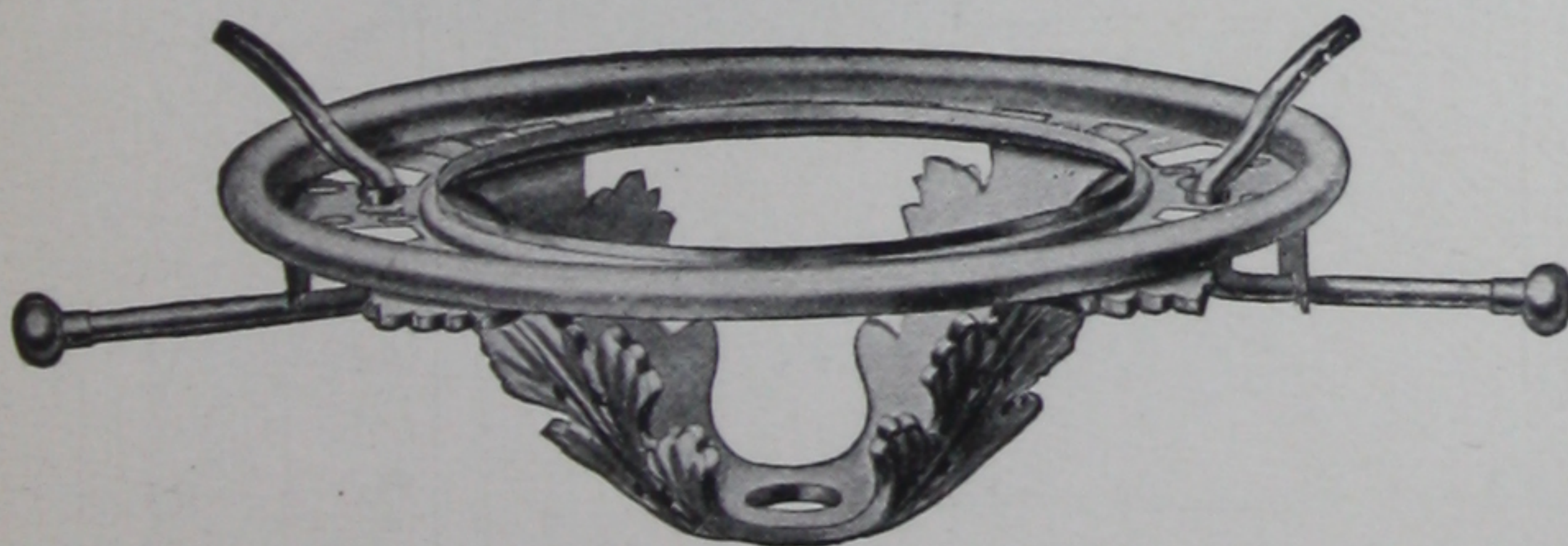


Fringe 3 or 4 inches deep is furnished in green, ruby, crystal or gold.

Price, 3-inch, per metre, **\$0.90**
Price, 4-inch, per metre, **1.00**

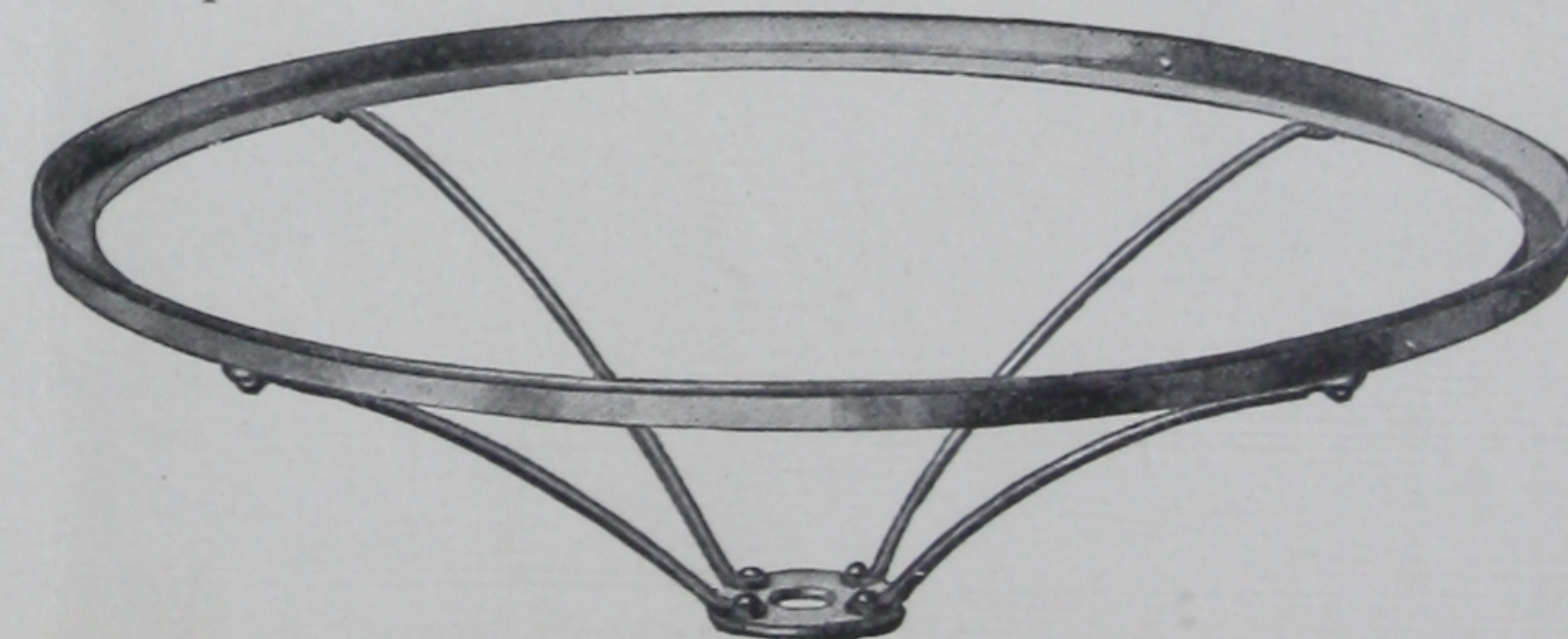
Fringe 5 inches deep is furnished in green, crystal, ruby or gold.

Price, 5-inch, per metre, **\$1.10**



No. 1. 4-INCH ADJUSTABLE GLOBE RING.

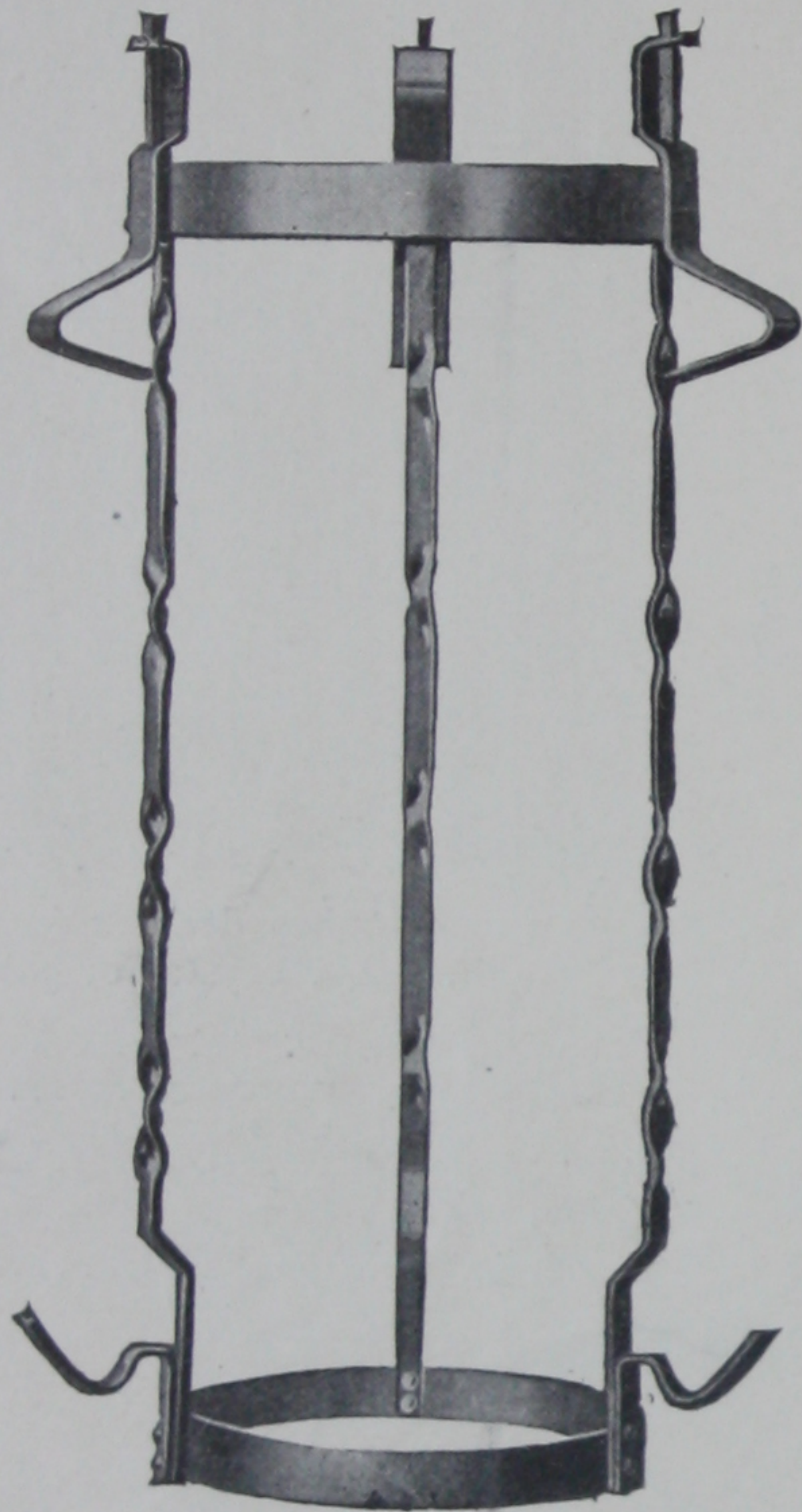
Price, per dozen, Japanese Bronze, **\$9.70**
" " " Polished Brass, **8.50**



No. 9. DOME SHADE RING.

Price, per dozen,	10-inch Ring Only	10-inch Ring with Fringe 3 or 4 inch	12-inch Ring Only	12-inch Ring with Fringe 3 or 4 inch	Price, per dozen,	10-inch Ring Only	10-inch Ring with Fringe 3 or 4 inch	12-inch Ring Only	12-inch Ring with Fringe 3 or 4 inch
Polished Brass,...	\$6.00	\$23.00	\$7.50	\$30.00	Dark Jap. Bronze,	\$7.00	\$24.00	\$8.50	\$31.50
Brush Brass,.....	6.00	23.00	7.50	30.00	Pompeian,.....	7.00	24.00	8.50	31.50
Light Jap. Bronze,	7.00	24.00	8.50	31.50					

Uprights



No. 66. UPRIGHTS.

For use on the No. 66 B or 71 B Burners, with
306 air-hole cylinders.

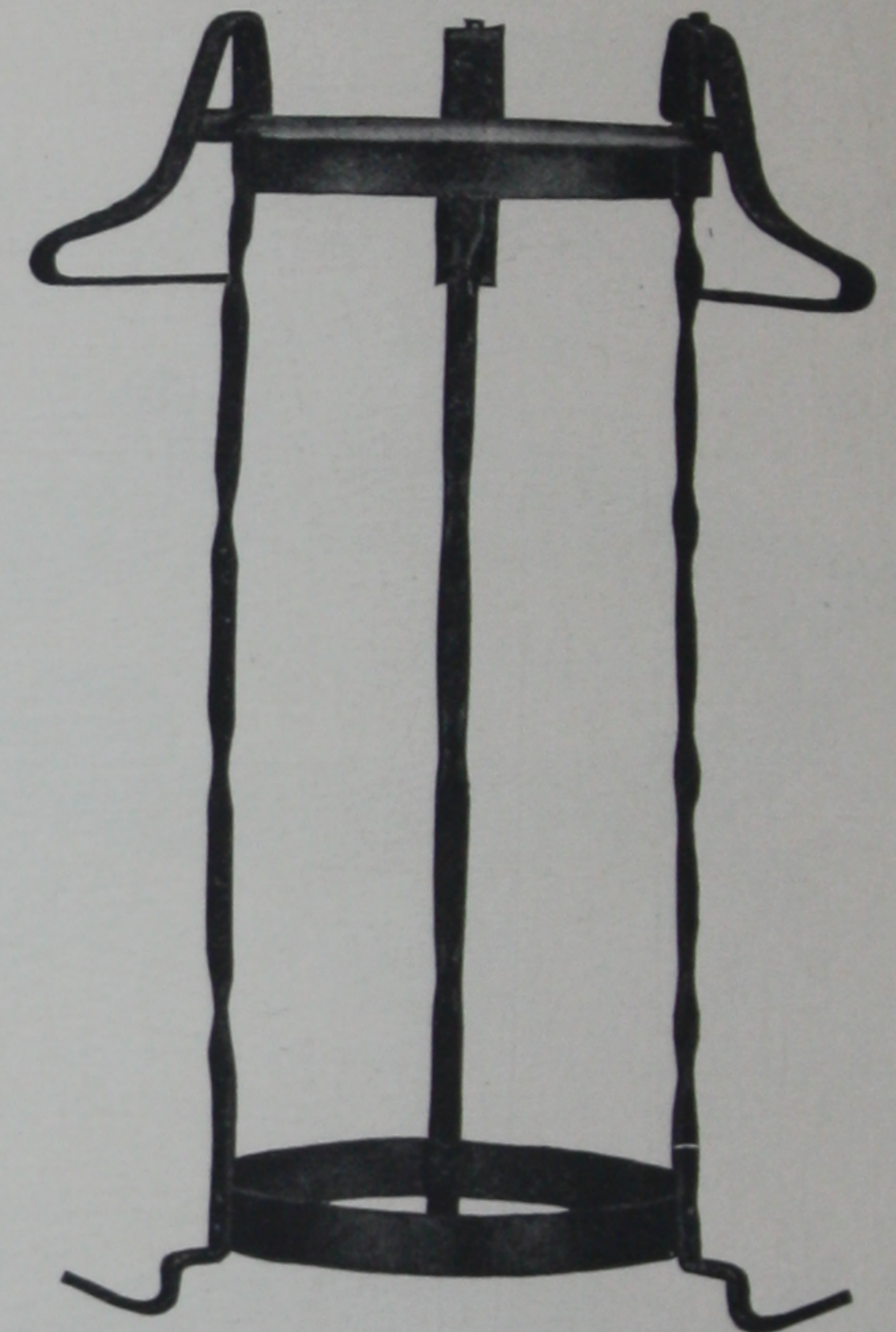
Price, per dozen,\$1.50
" " 100,12.00



No. 61 CHIMNEY UPRIGHTS.

For use on No. 61 B Burner.

Price, per dozen,\$1.00
" " 100,9.00

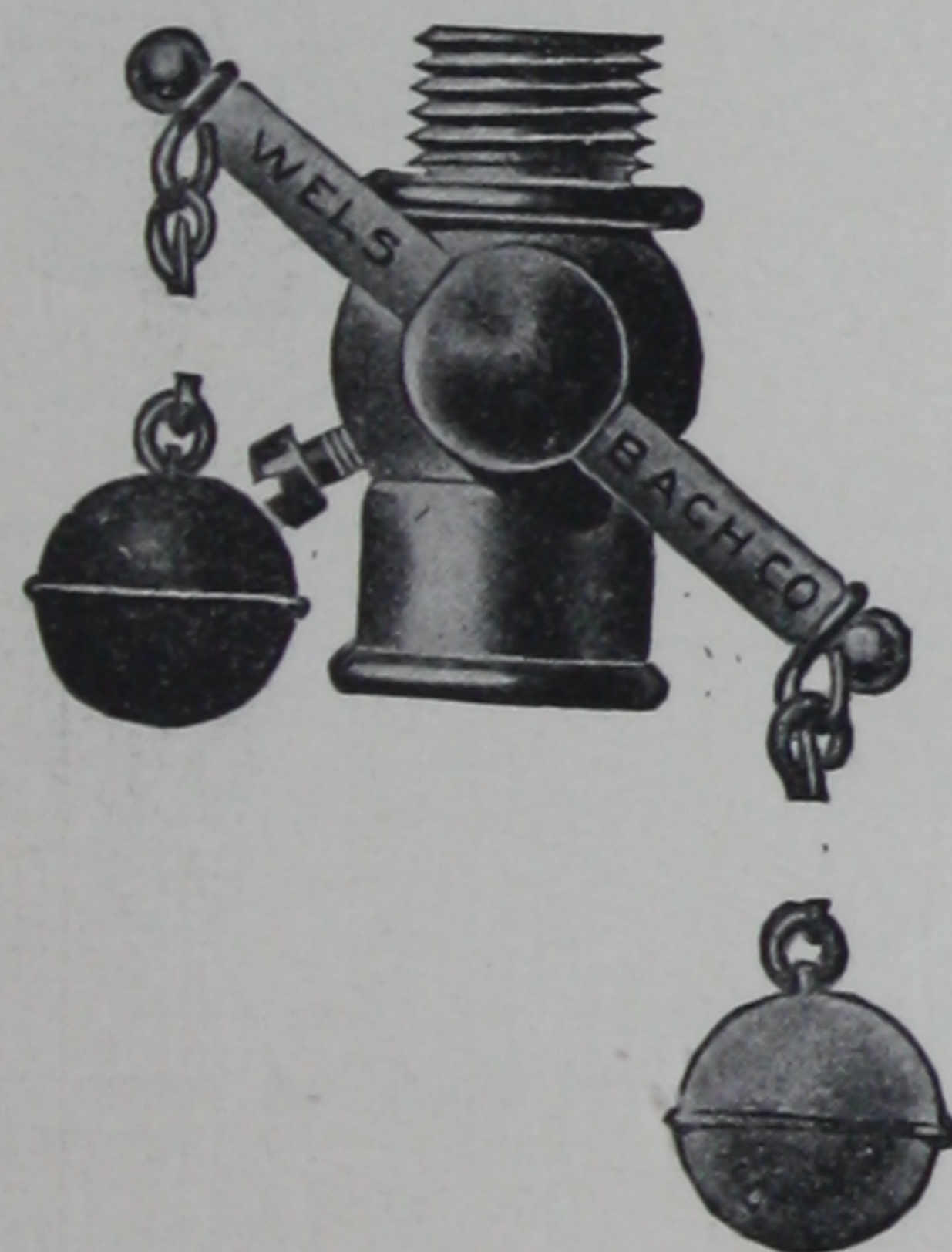


No. 71. UPRIGHTS.

For use on the No. 71 B and 72 B Burners.

Price, per dozen,\$1.40
" " 100,11.00

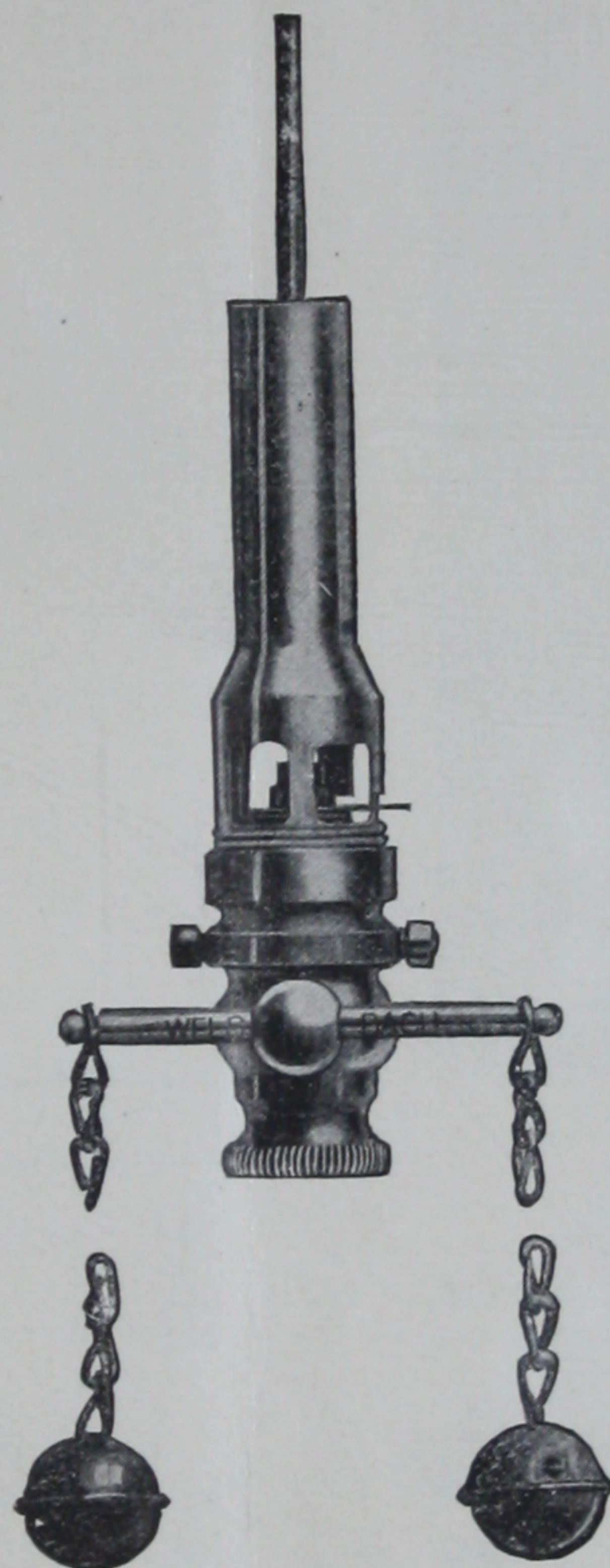
By-Passes



No. 2. WELSBACH PLAIN BY-PASS.

Will not leak when used with natural gas.

Price, per dozen,\$2.75
 " " gross,30.00

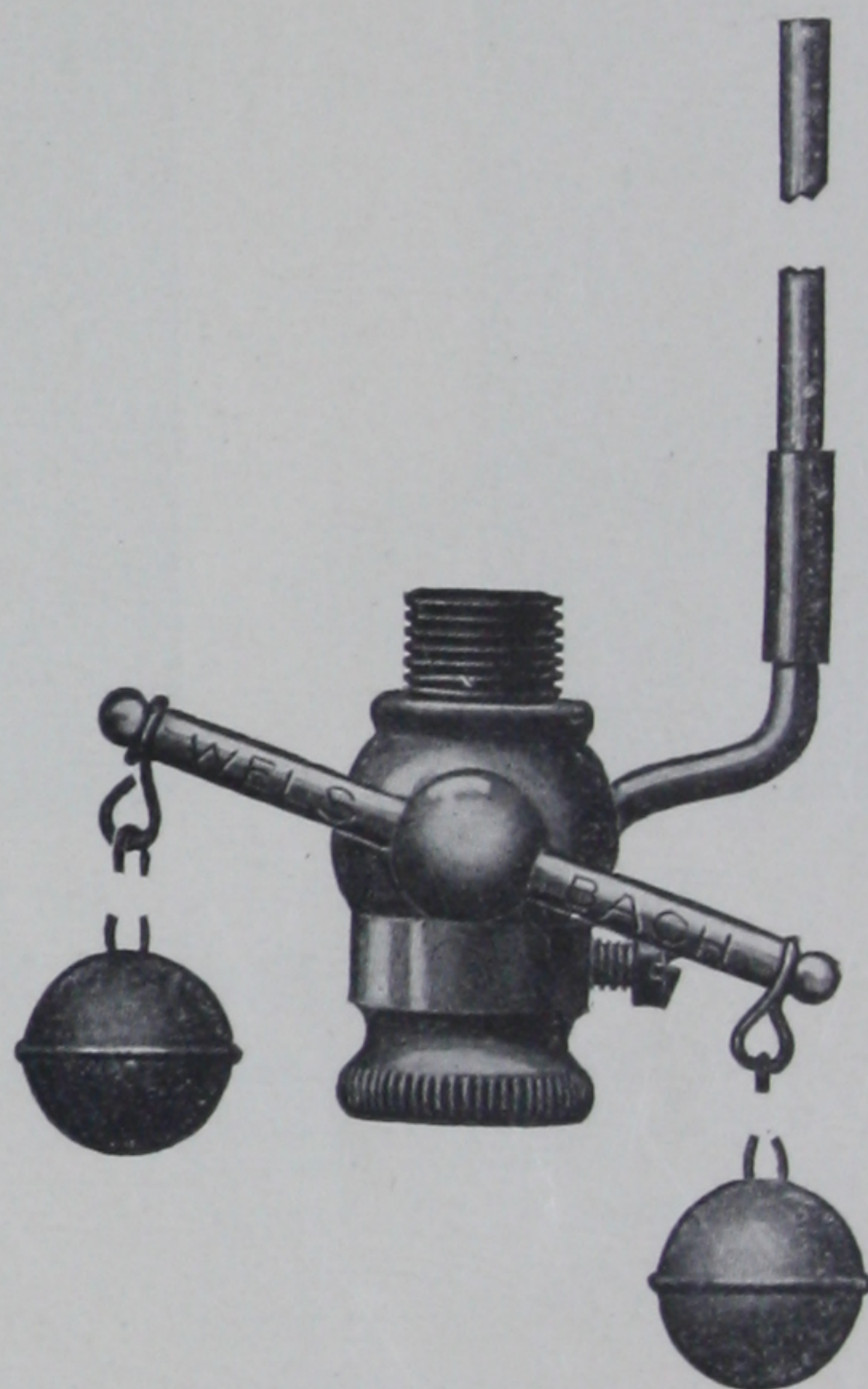


No. 301. DOUBLE-SCREW PILOT BY-PASS WITH GAS REGULATOR.

For use on all types of Universal Welsbach Burners.

When ordering specify style of burner on which by-pass is to be used. Where not specified, it will be sent to fit the No. 60 Burner.

Price, per dozen,\$9.00
 " " gross,90.00



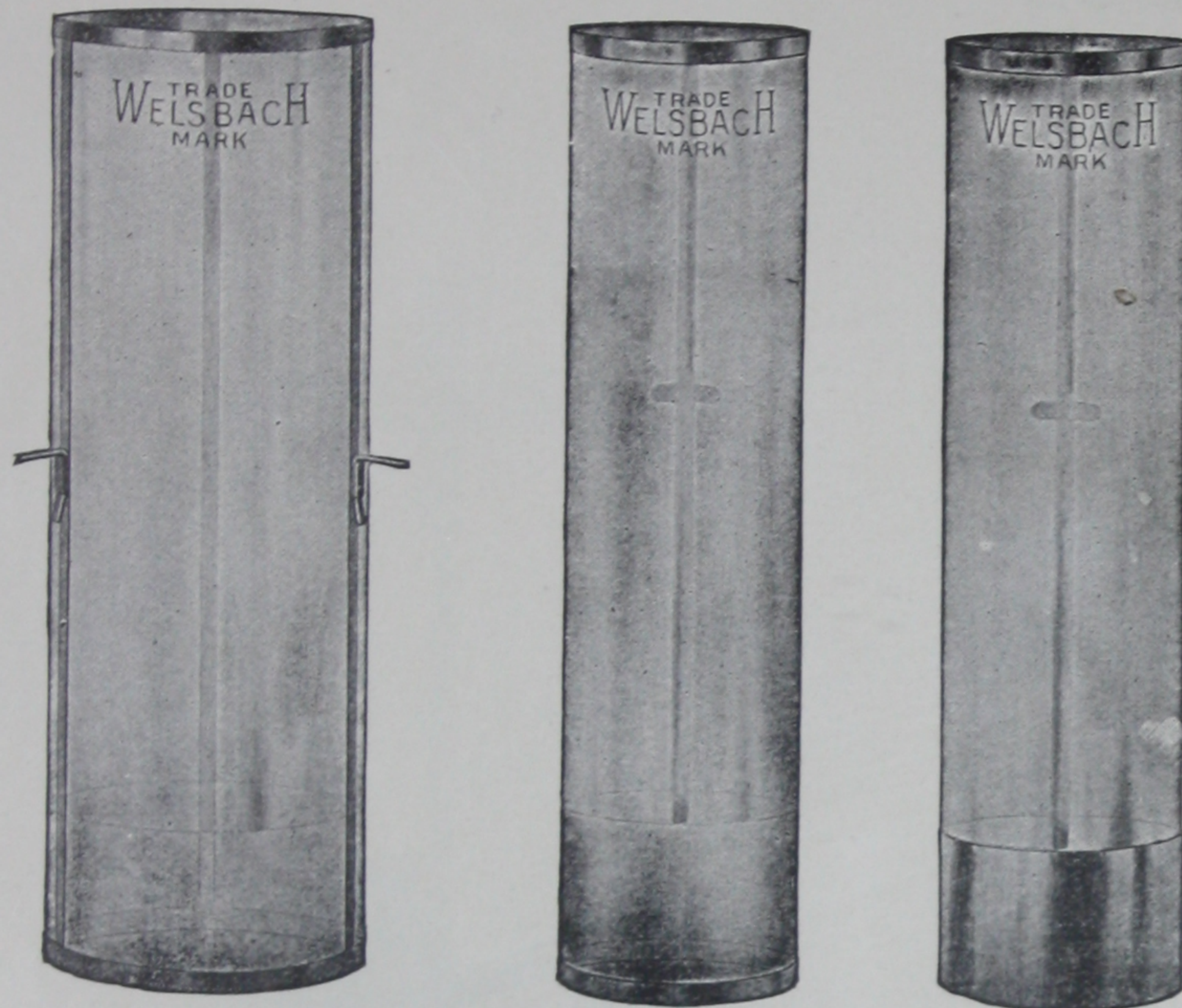
No. 4. WELSBACH SIDE-PILOT BY-PASS.

This by-pass is specially designed for Welsbach Burners using air-hole glassware. The pilot-tube, where exposed to the flame, is protected by a magnesia tube.

When ordering specify style of burner on which the by-pass is to be used.

Price, per dozen,\$4.00
 " " gross,45.00

Mica Chimneys



No. 860.

No. 81.

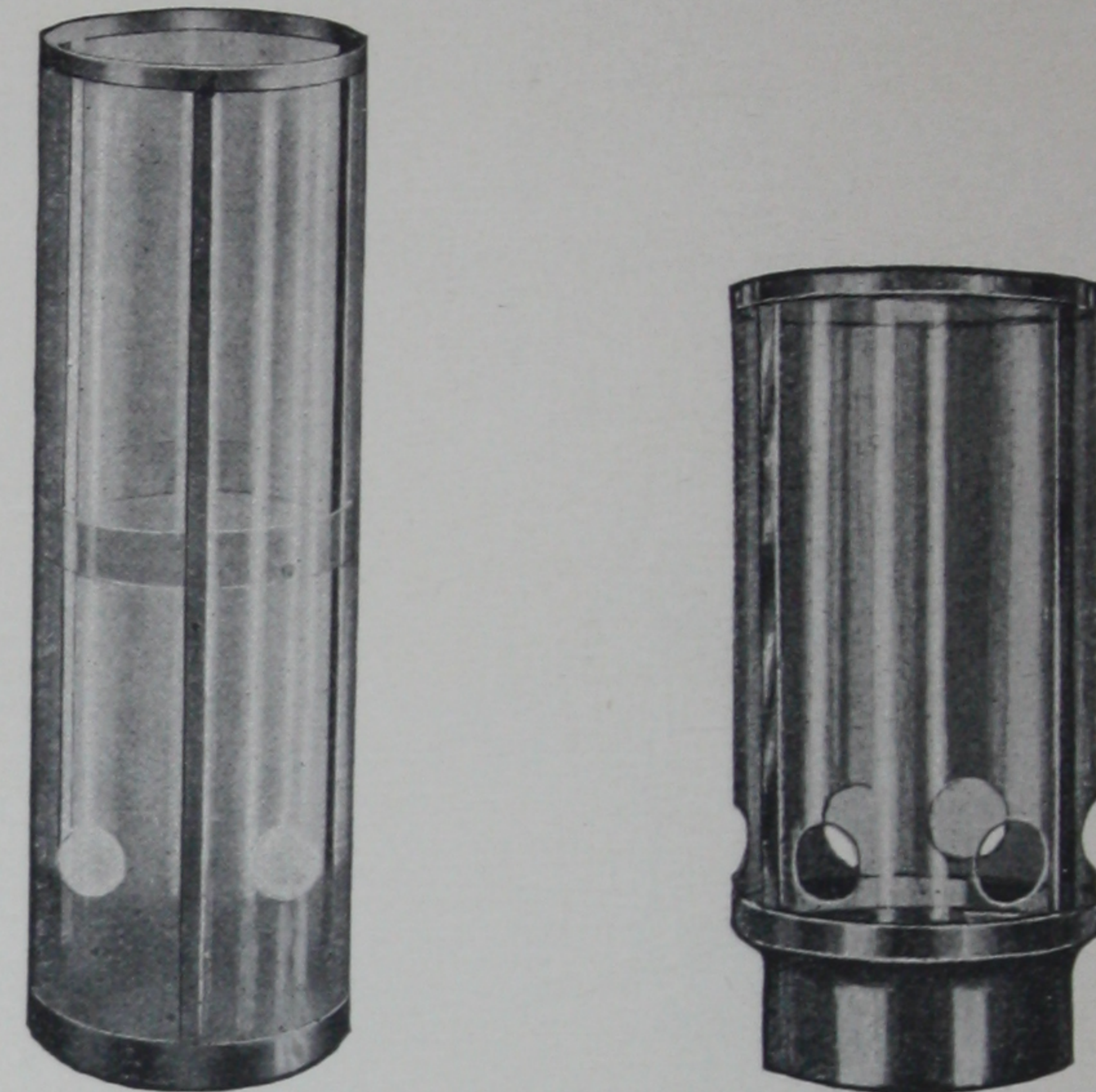
No. 181.

Etched Band

Made of finest quality selected India mica, etched 1½ inches at base, furnished with clips and packed each in a carton, and 12 dozen in a box.

No.		Per dozen.	Per gross.
61	6-inch, 1 piece,.....	\$4.40	\$48.00
71	7 " " ".....	5.50	58.00
81	8 " " ".....	6.25	68.00
62	6 " 2-piece,.....	3.70	40.00
72	7 " " ".....	4.00	42.00
82	8 " " ".....	4.30	45.00
63	6 " 3-piece,.....	2.70	29.00
73	7 " " ".....	3.10	33.50
83	8 " " ".....	3.60	39.50
66	6 " 6-piece,.....	2.25	25.00
76	7 " " ".....	2.50	27.00
86	8 " " ".....	2.75	29.00
860	8 " " ".....	5.50	60.00

Air-o Mica Chimneys



No. 986. AIR-O.

No. 013. AIR-O.

Packed 3 dozen in a box.

Fit any standard burner using air-hole ware.

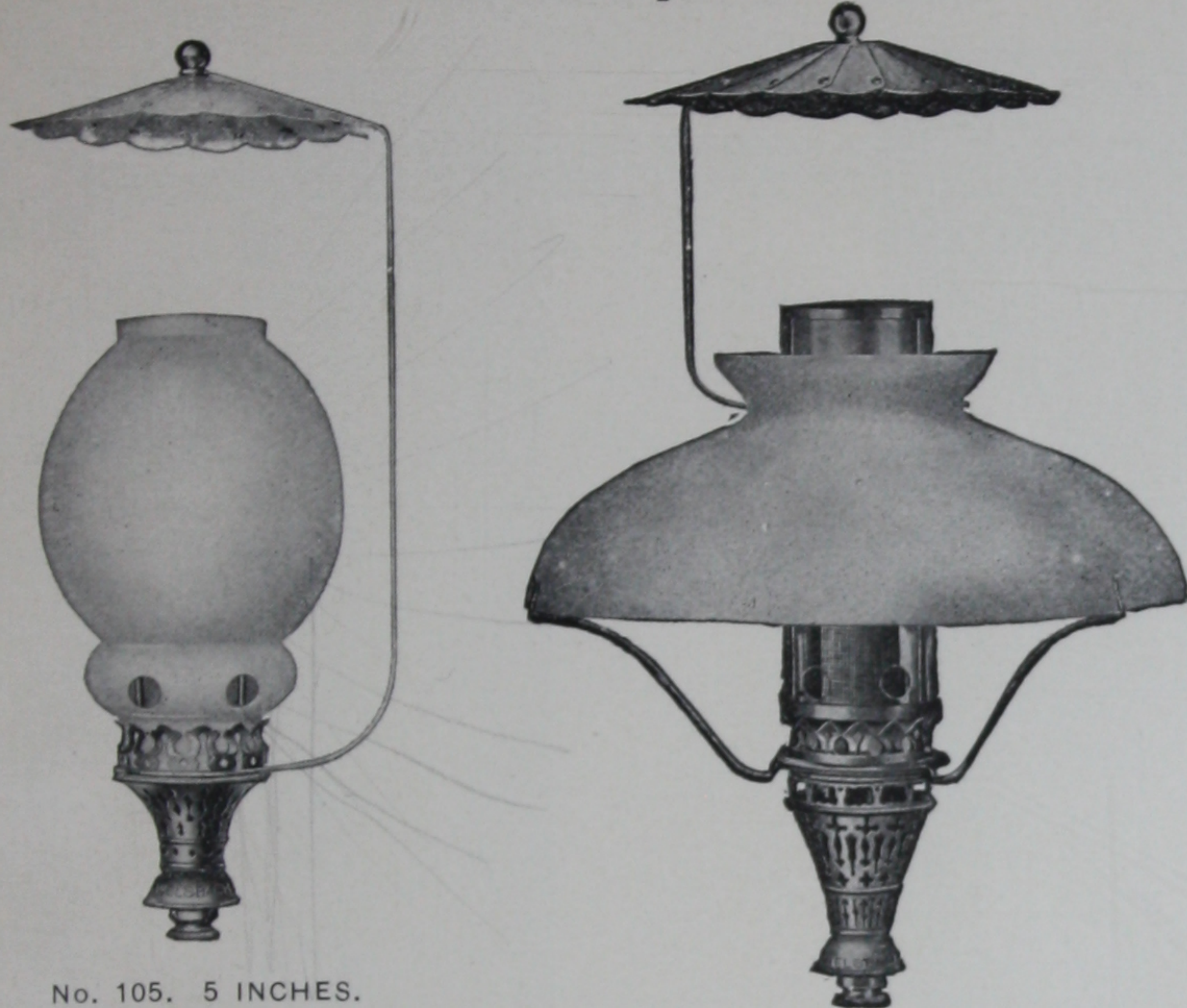
No.		Per dozen.	Per gross.
986	7 inches high,.....	\$3.50	\$36.00
981	7 " " (with aluminum base).....	3.50	36.00
014	5 " " ".....	3.00	30.00
013	5 " " (with aluminum base).....	3.00	30.00

Metal Band

Made of good quality mica, 1½-inch metal band at base, packed each in a carton, and 12 dozen in a box.

No.		Per dozen.	Per gross.
161	6-inch, 1-piece,.....	\$4.30	\$45.00
171	7 " " ".....	4.40	50.00
181	8 " " ".....	5.30	60.00
162	6 " 2-piece,.....	3.25	34.50
172	7 " " ".....	3.45	36.50
182	8 " " ".....	3.75	40.50
163	6 " 3-piece,.....	2.00	22.00
173	7 " " ".....	2.50	26.50
183	8 " " ".....	3.00	32.50
166	6 " 6-piece,.....	1.60	16.00
176	7 " " ".....	1.75	17.50
186	8 " " ".....	1.85	20.00
15	5 " 1-piece,.....	3.20	36.50
35	5 " 3-piece,.....	2.00	22.00

Mica Canopies



No. 105. 5 INCHES.

No. 106. 6 INCHES.

A mica canopy with spring wire support that attaches around the base of the gallery fence.

Packed 3 dozen in a box.

No. 105.
Price, per doz., **\$2.20**; gross, **\$22.00**

No. 106.
Price, per doz., **\$2.35**; gross, **\$24.00**

No. 115. 5 INCHES. No. 116. 6 INCHES.

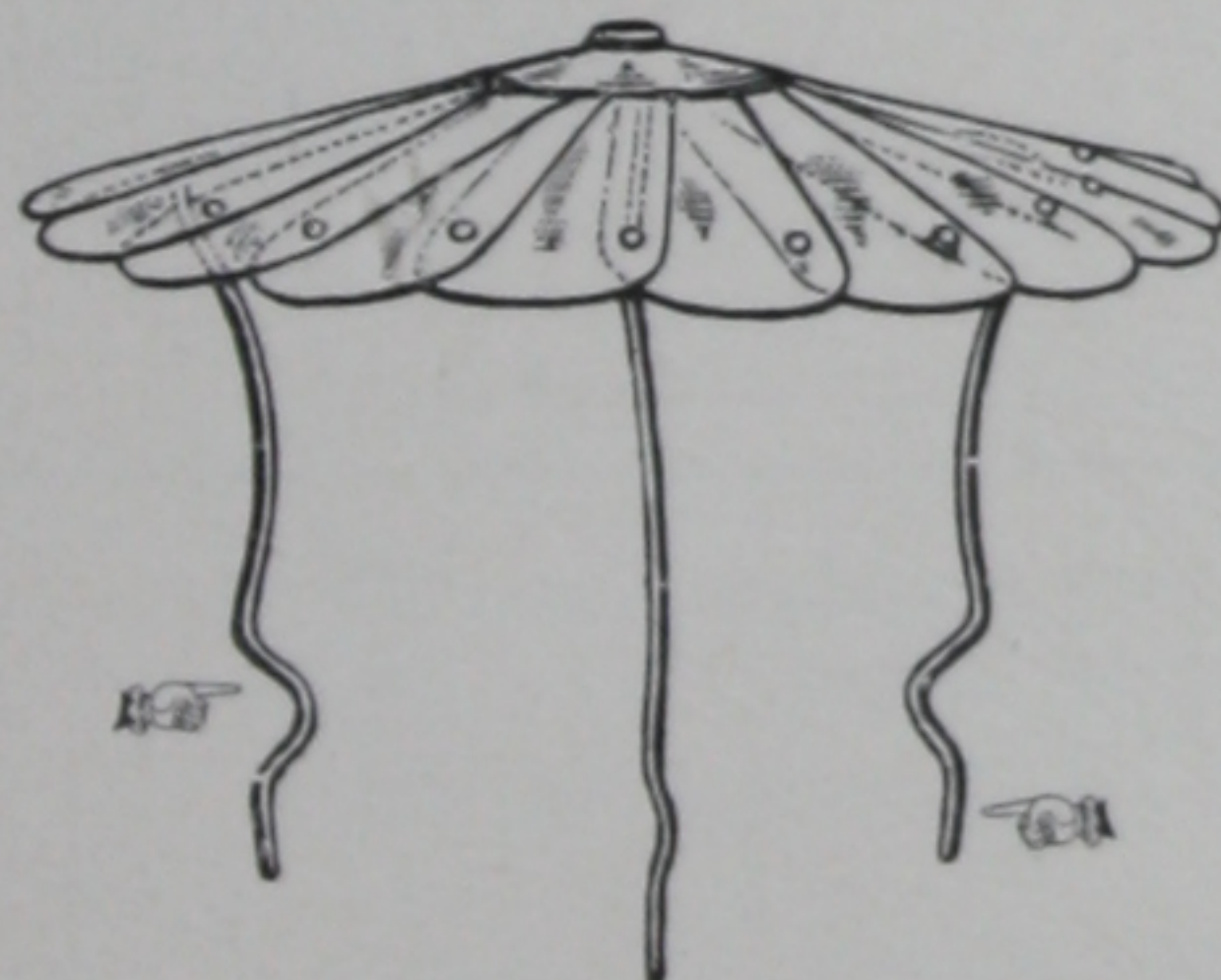
A mica canopy with a spring wire support that attaches around the neck of shade.

Packed 3 dozen in a box.

No. 115.
Price, per dozen, **\$2.20**; per gross, **\$22.00**

No. 116.
Price, per dozen, **\$2.35**; per gross, **\$24.00**

This curve fits inside globe with incurving top.



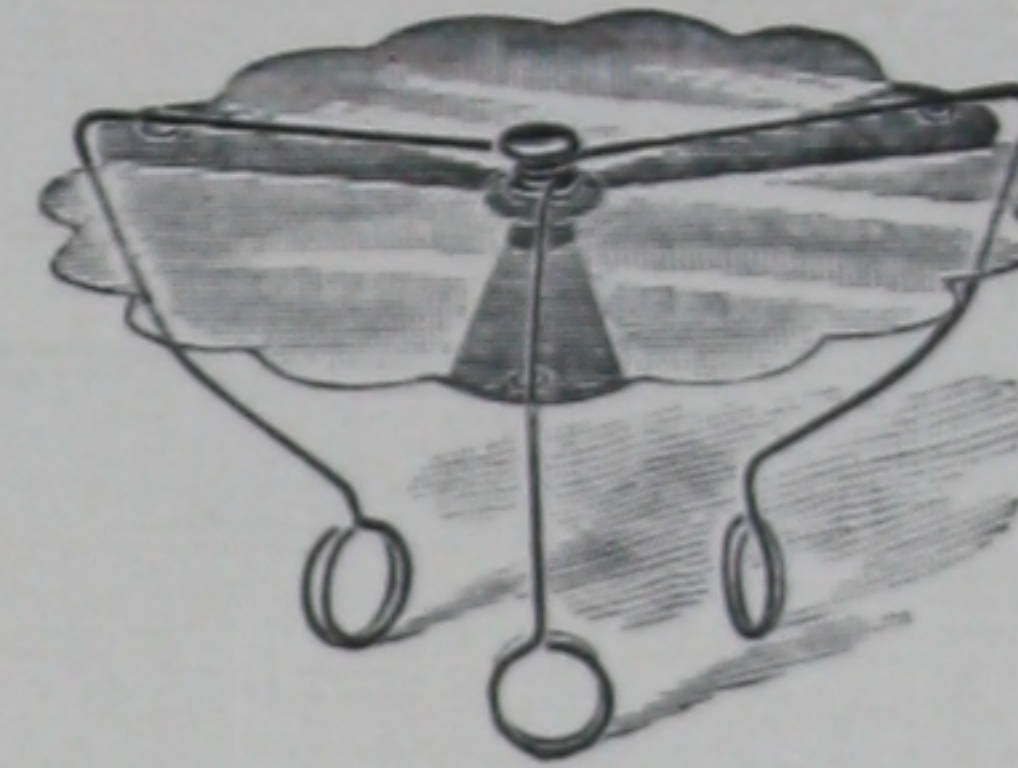
No. 4 K CANOPY.

Fits practically every form of fancy globe. Q. Sch. and the Holophanes. Folding tripod wire support. Packed flat, each in carton, 3 dozen in box. Four sizes, 4, 5, 6 and 7 inches in diameter.

No.	Per doz.	Per gross.
4 K.....	\$1.50	\$15.00
5 K.....	1.90	19.00
6 K.....	2.20	23.00
7 K.....	2.40	25.00

This curve fits outside globe with flaring top.

No. 3 Mica Tripod Canopy



Packed flat, one gross in a box.

Price, per dozen, **\$1.00**
" " gross, **9.50**

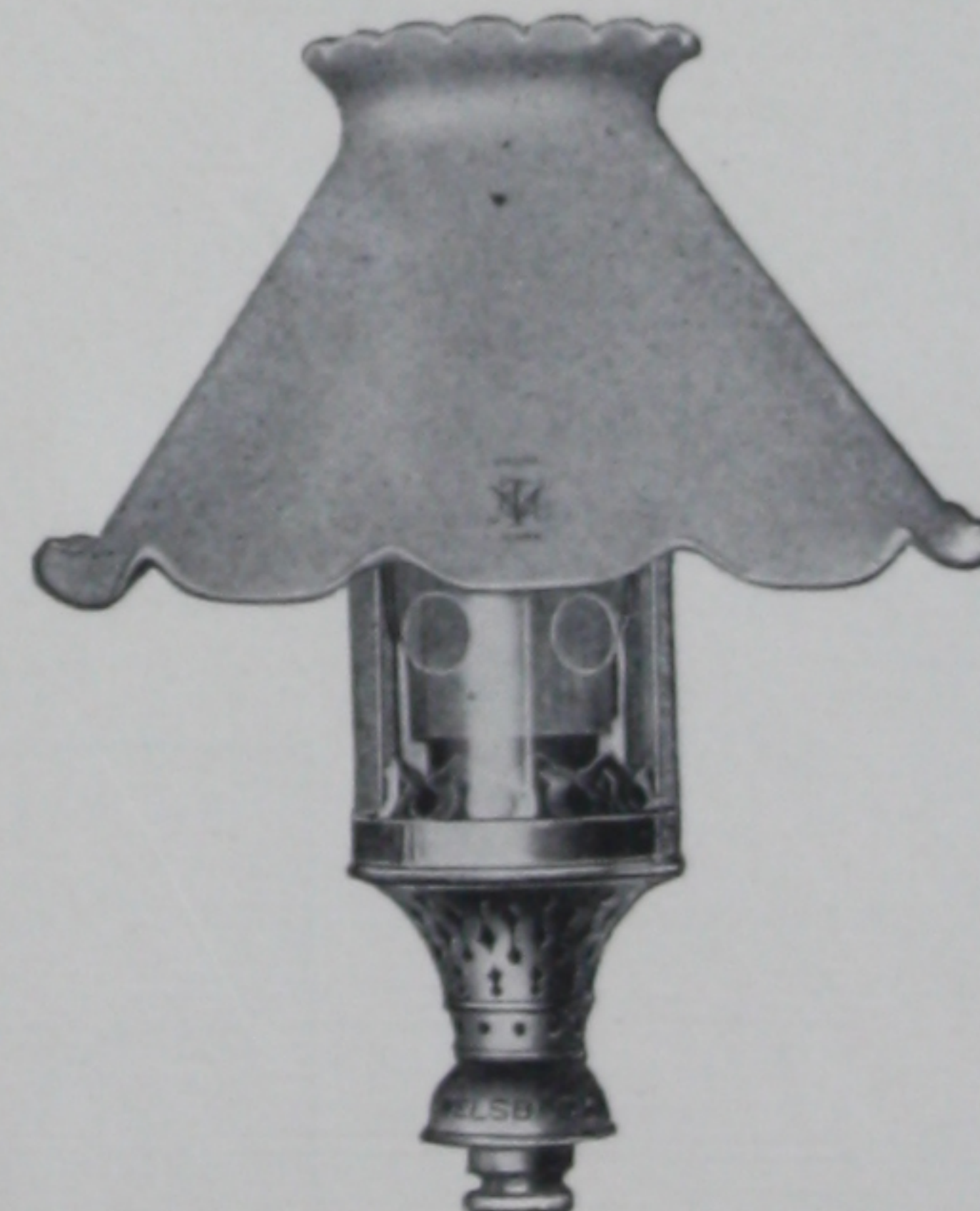


No. 5X CANOPY.

No. 5 x—5 inches in diameter, with tripod wire support, for use on short chimney, inside of small globes.

Packed 12 dozen to box.

Price, per dozen, **\$1.70**; per gross, **\$17.00**



No. 311. AIR-O.

A mica air-hole chimney to use with Welsbach Chic Light.

Packed 3 dozen to box.

Price, per dozen, **\$3.00**
Price, per gross, **30.00**



L MICA CANOPY.

For use on air-hole ware. Comes in 4, 5, 6, and 7 inches diameter.

Packed 3 dozen to box.

	Per doz.	Per gross.
No. 4 L.....	\$1.40	\$14.00
No. 5 L.....	1.80	18.00
No. 6 L.....	2.20	22.00
No. 7 L.....	2.35	24.00

No. 4 D Mica Canopy



A 4-inch canopy that fits perfectly all designs of Q and Sch Globes, regardless of variations in size of top opening, all kinds of air-hole chimneys, whether mica or glass, and the ordinary straight chimney.

Packed 3 dozen in a box.

Price, per dozen, **\$1.40**
" " gross, **14.00**

No. 5 D Mica Canopy

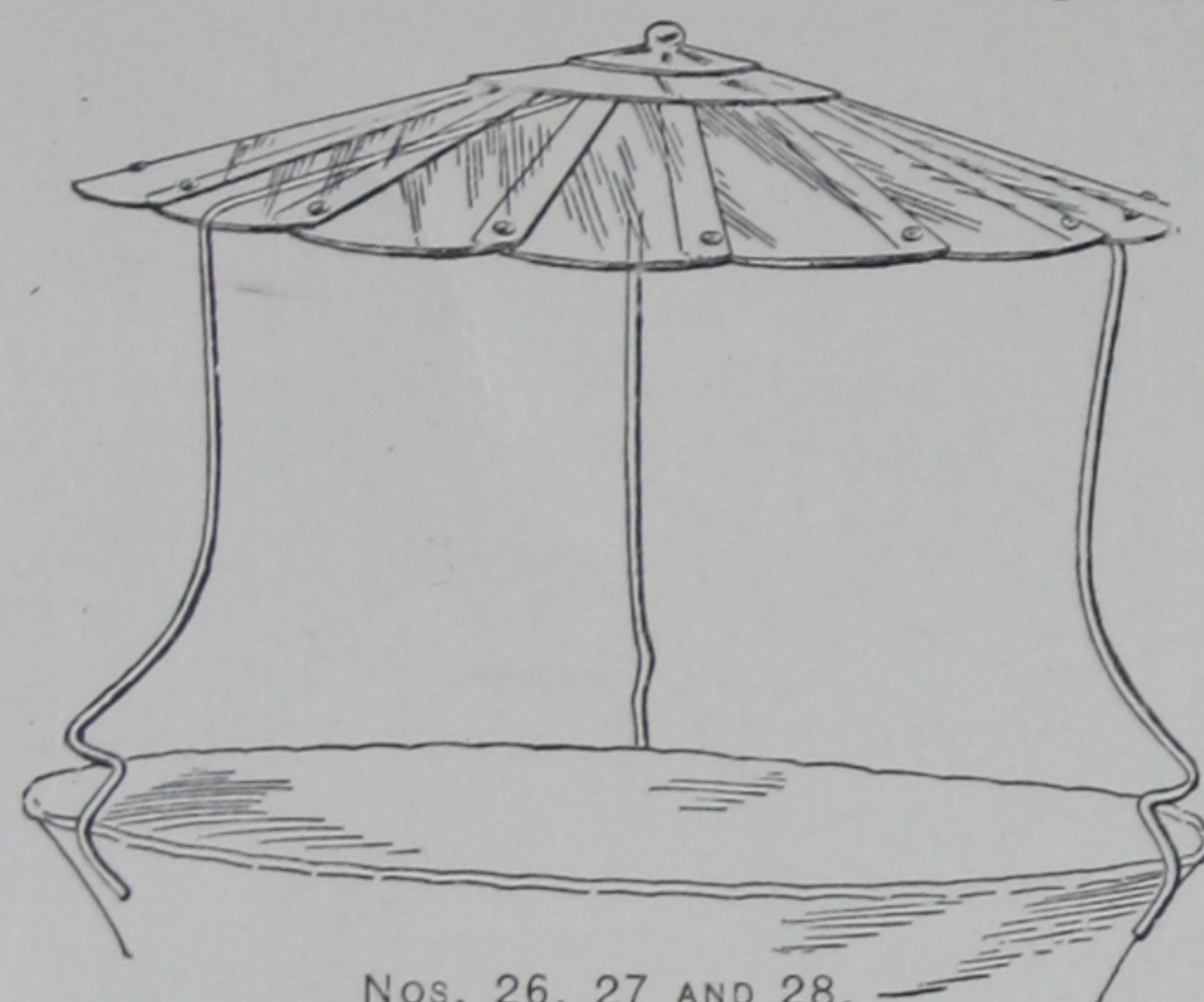
Same as 4 D Canopy but 5 inches in diameter.

Price, per dozen, **\$1.90**
" " gross, **18.00**

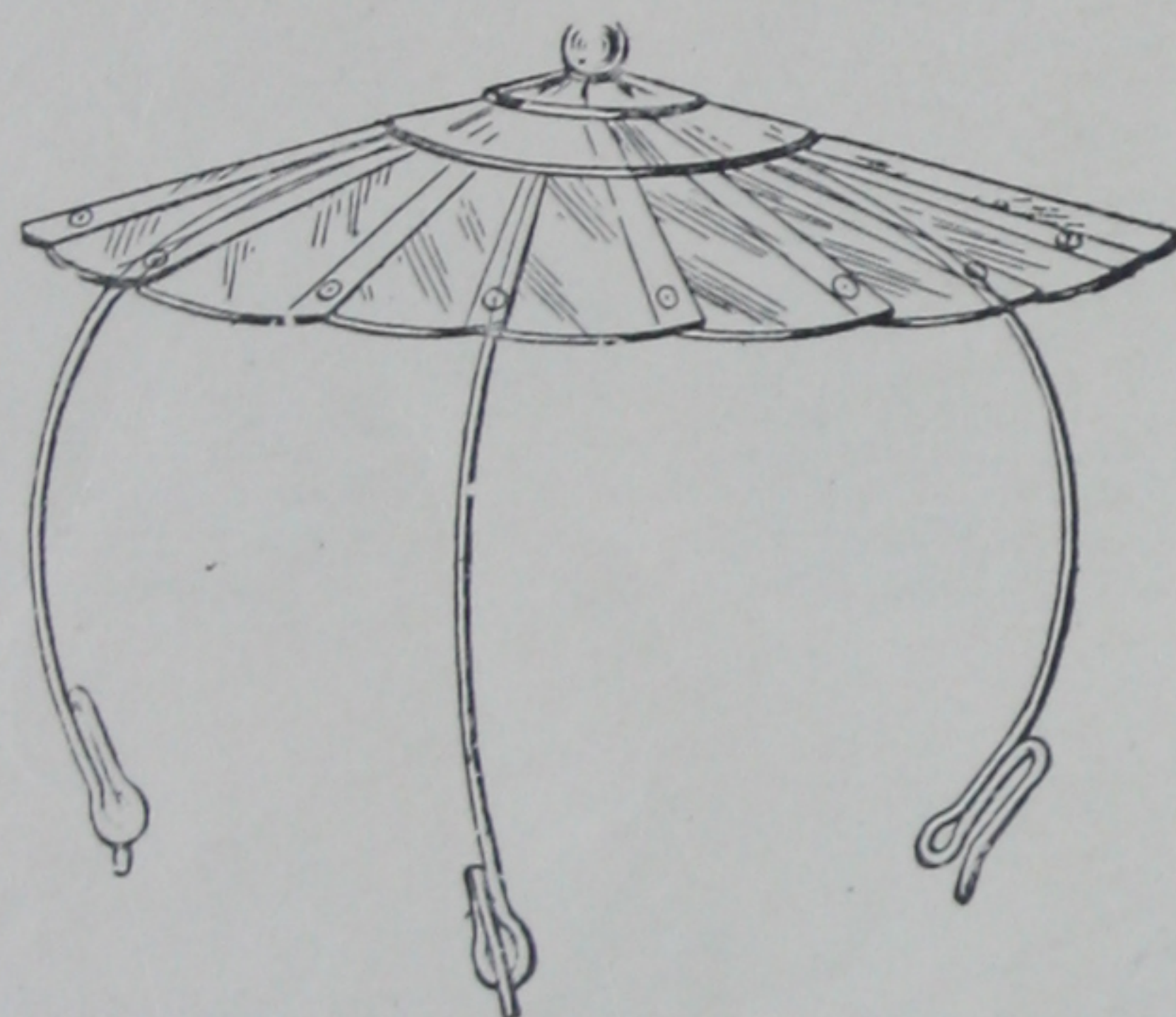
Large Mica Canopies

With Heavy Wire Supports, finished with Nickered Knobs.

Nos. 16, 17 and 18,.....To fit on ordinary chimney.
 Nos. 26, 27 and 28,.....To fit on any large globe.
 Nos. 36, 37 and 38,.....To fit on large globes with flaring top.
 Nos. 46, 47 and 48,.....To fit on open-flame gas jet.

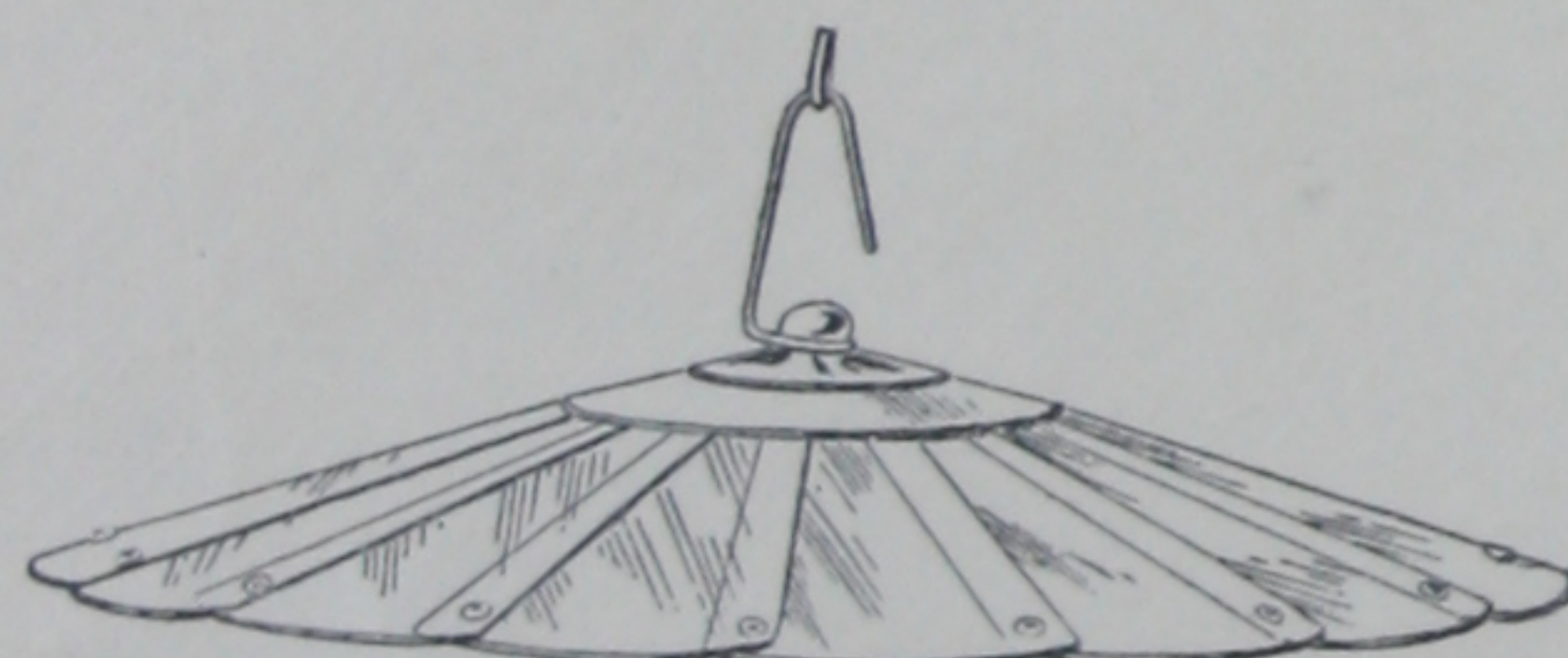


Nos. 26, 27 AND 28.



Nos. 36, 37 AND 38.

No.	Packed 3 dozen to box.	Per doz.	Per gross.
16, 26, 36 and 46.	6 in. in diam.,.....	\$2.40	\$25.00
17, 27, 37 and 47.	7 in. in diam.,.....	2.50	26.00
18, 28, 38 and 48.	8 in. in diam.,.....	2.75	30.00

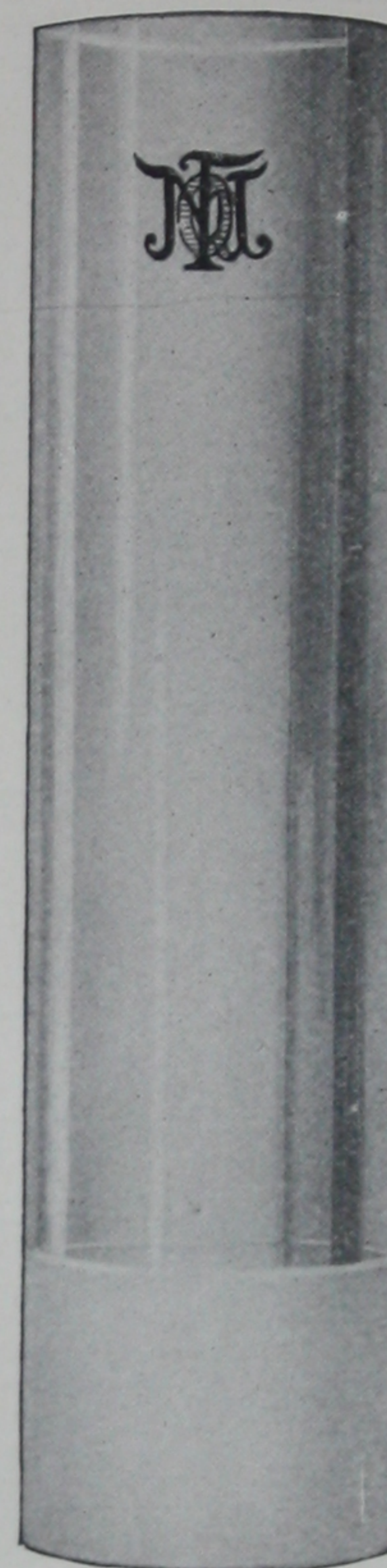


Mica Smoke Shades—to Hang from Ceiling

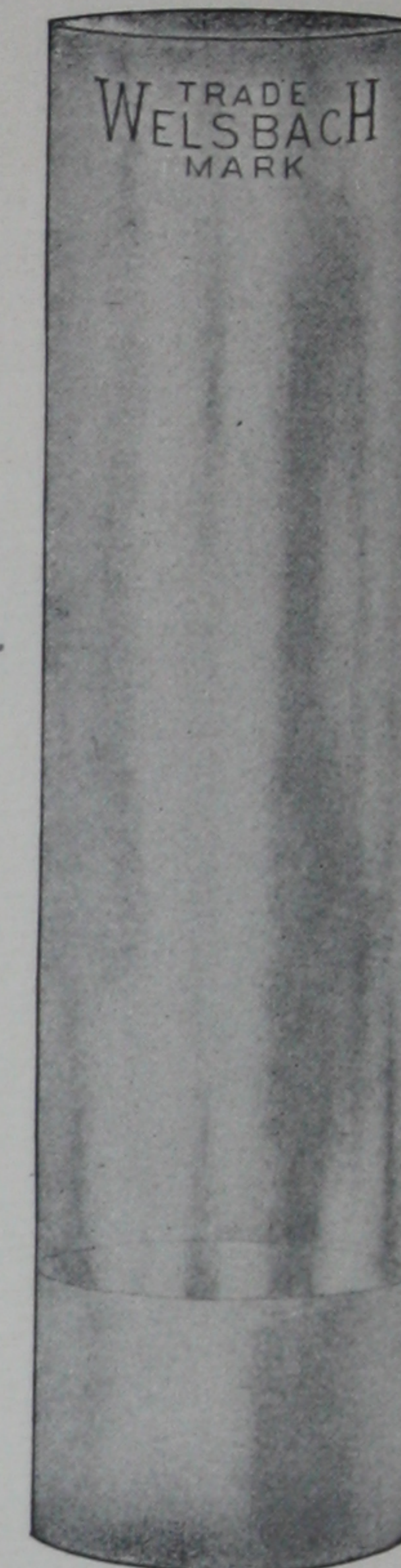
Nos. 6, 7 AND 8.

No.	Packed 3 dozen to box.	Per doz.	Per gross.
6 S S.	6 inches in diameter,.....	\$2.20	\$23.00
7 S S.	7 inches in diameter,.....	2.35	24.00
8 S S.	8 inches in diameter,.....	2.70	28.00

Gas Chimneys



No. 42. F. Q. M.



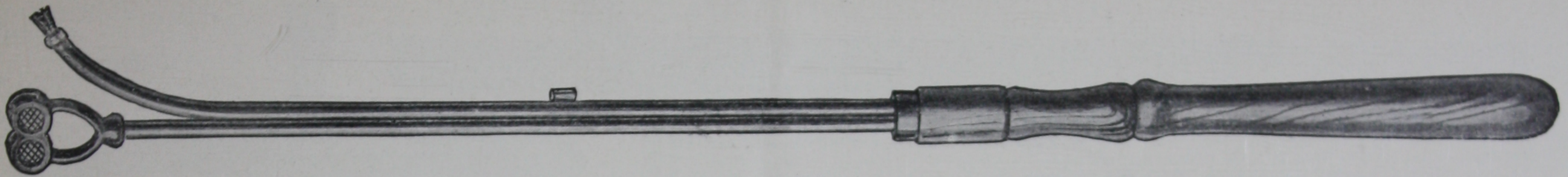
No. 23.

Packages charged at manufacturer's schedule.

No. 42 Imported 8-inch Standard Gas Chimney. F. Q. M. Brand.

		Guaranteed finest quality made.	
Price, original package,	per dozen,	8-inch.	6-inch.
"	"	\$1.50	\$1.30
"	6 or 12 dozen,	1.60	1.40
" broken	per dozen,	1.85	1.65

	No. doz. in pkgs.	Bkn. pkgs. per doz.	Orig. pkgs. per doz.
23 8-in. Welsbach brand chimney,.....	6 or 12	\$1.30	\$1.10
21 7-in. Welsbach brand chimney,.....	6 or 12	1.25	1.05
19 6-in. Welsbach brand chimney,.....	6 or 12	1.20	1.00



TAPER TORCHES. CAST KEYS. WOOD HANDLES.

No. 282.

No. 281. MEDIUM GRADE.

No. 316. BEST GRADE

No. 300 D. EXTRA QUALITY.
Solid Brass. Polished Wood Handle. Short taper tube. Will not blacken fixture arms.

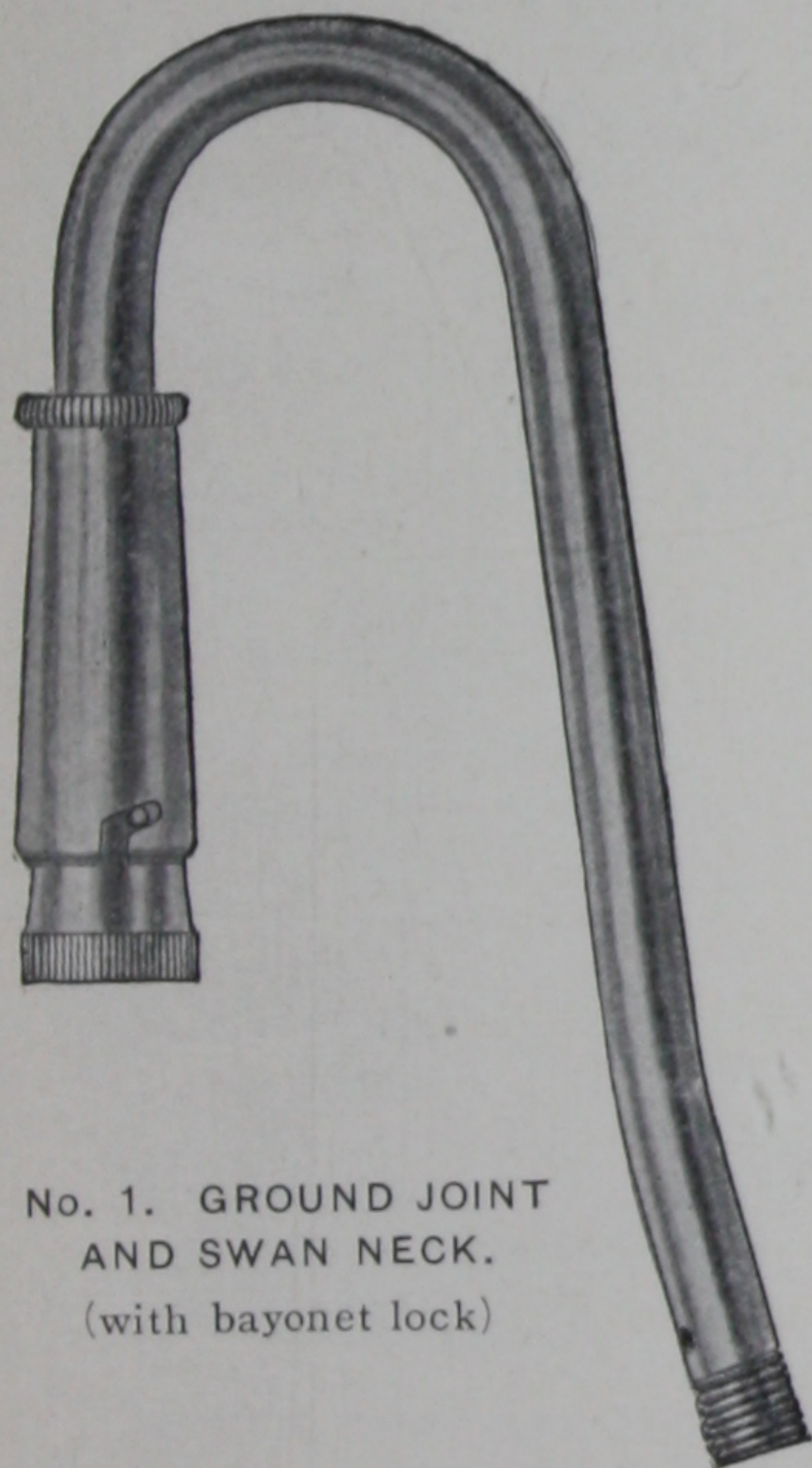
Price, per dozen,.....**\$1.50**
" " gross,.....**16.00**

Price, per dozen,.....**\$2.85**
" " gross,.....**30.00**

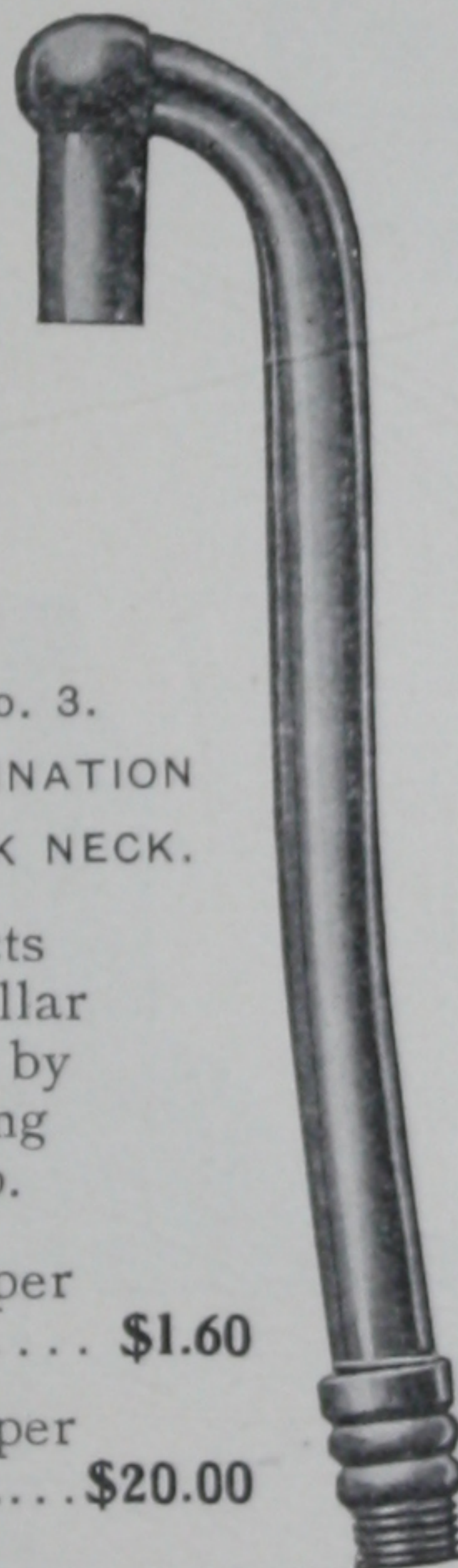
Price, per dozen,.....**\$3.35**
" " gross,.....**36.00**

Price, per dozen,.....**\$13.00**
" " gross,.....**140.00**

Ground Joints and Swan's Necks—with or without Bayonet Lock



No. 1. GROUND JOINT
AND SWAN NECK.
(with bayonet lock)



No. 3.
COMBINATION
STORK NECK.

Connects
with pillar
burner by
removing
lava tip.

Price, per
dozen,.... **\$1.60**

Price, per
gross,.....**\$20.00**



No. 54.
LOCKED GROUND.
JOINT.

The male and female
parts of the Ground
Joint are locked togeth-
er by means of a union.

Price, per
dozen,.....**\$2.00**

Price, per
gross,..... **20.00**



MAGNESIUM RODS FOR
MANTLE SUPPORTS.
No. 3, for 3¼-in. mantles.
Price, per 100,.....**\$0.65**
" " 1000,..... **5.00**
No. 4, for 4½-in. mantles.
Price, per 100,.....**\$1.00**
" " 1000,..... **8.00**

BURNER GAUZE FOR MAN-
TLE CENTER-SUPPORT.
No. o. Price, per 100, **\$0.95**
" " 1000, **9.00**

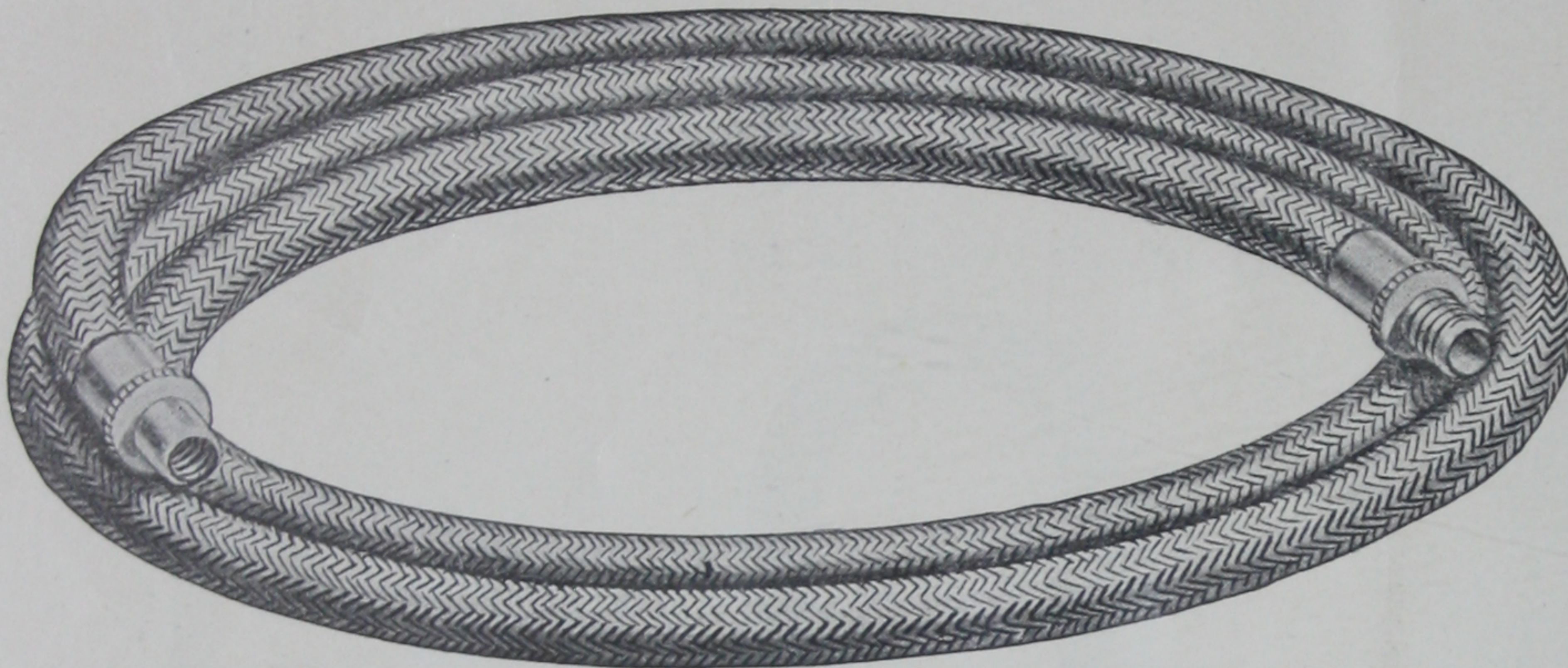


No. 1. 4½-inch polished brass, with bayonet lock.	
Price, per dozen,.....	\$5.00
Price, per gross,..... \$50.00	
No. 11. 3-inch lacquered finish, without bayonet lock.	
Price, per dozen,.....	\$3.40
Price, per gross,..... \$35.00	

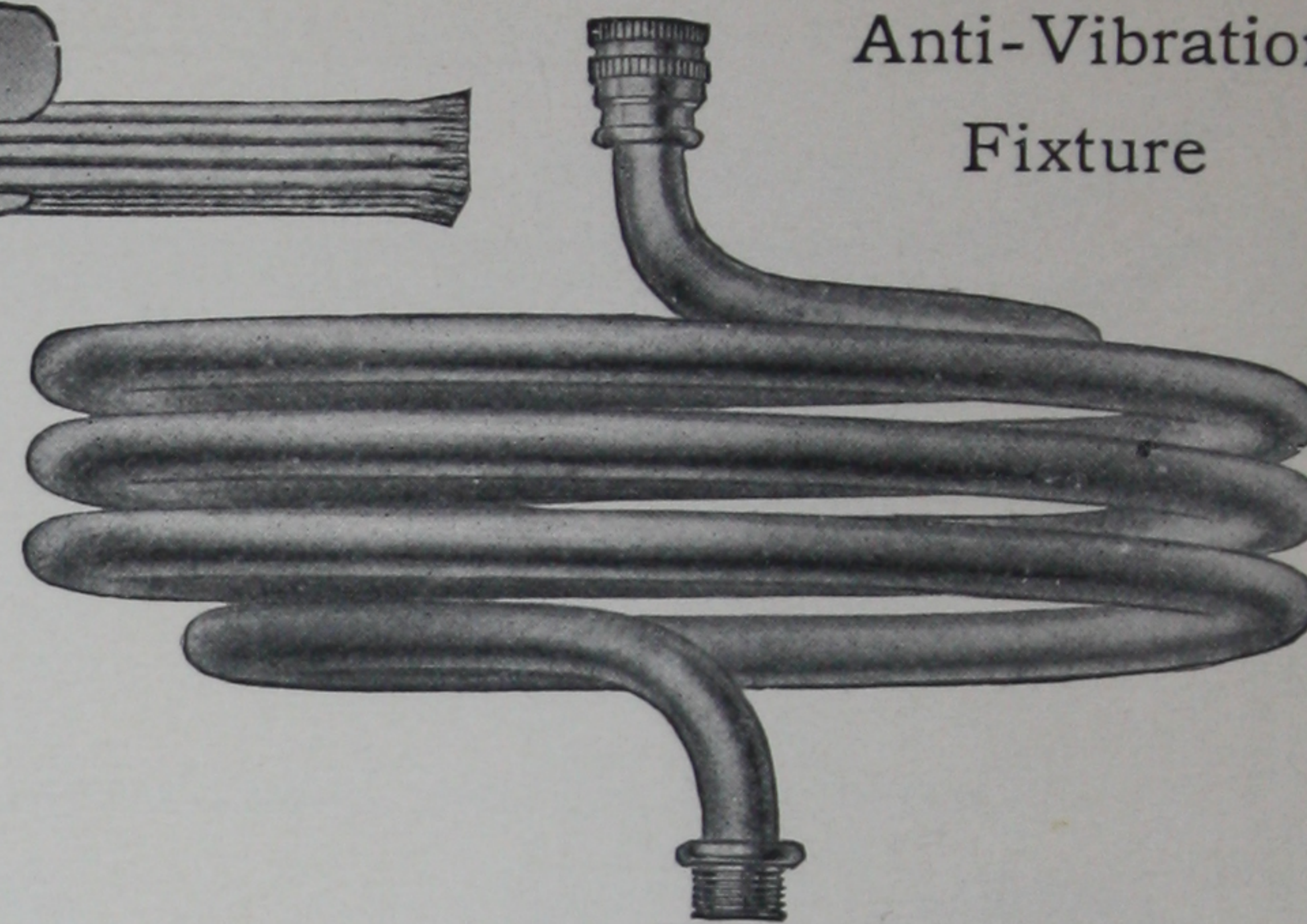
149 MANUFACTURED EXCLUSIVELY FOR WELSBACH CO.

WAX GAS-LIGHTING TAPERS. EACH BOX CONTAINS 30 TAPERS.

No. 149.	Non-dripping, Superior Quality Wax Tapers. Guaranteed.	Price, per 100 boxes.....	\$11.00
No. 824.	First Quality Wax Tapers.	Price, per 100 boxes.....	6.00
No. 1352.	Second Quality Wax Tapers.	Price, per 100 boxes.....	4.50



Anti-Vibration Fixture



SPIRAL ANTI-VIBRATION FIXTURE.

Made from seamless tubing and tapped for $\frac{3}{8}$ -in. iron pipe.

	Each.	Per doz.
No. 5, for fixtures 4 to 12 pounds, price, . . .	\$2.75	\$27.50
“ 6, “ “ 12 “ 30 “ “ . . .	3.25	32.50

Fittings for Oil Lamps

F. Q. M. Brand Diamond Braid Drop Light and Stove Tubing.

Fully guaranteed for one year from date of sale. Rubber center, extra heavy quality. This tubing may be used for either drop light or stoves. It is the only practical tubing, and we recommend it for either use. Put up in boxes containing 150 feet.

PRICES:

PRICES:		Less than pkg. per foot.	Pkg. of 150 ft. length per foot.
No. 1.	Silkoline covered, rubber center.....	\$0.11	\$0.09

Ends for use with Rubber Center Tubing.

Furnished with 6 inches of spiral wire coil.

No.		Per doz.	Per 100.
9.	Patent ends, rubber compound, for stove tubing	\$1.00	\$7.00
10.	Metal end, for portable tubing.....	1.00	7.00
	Rubber center tubing will be furnished cut in lengths as ordered, with ends attached, at an additional charge of 9 cents net per length.		

Drop Light Tubing.

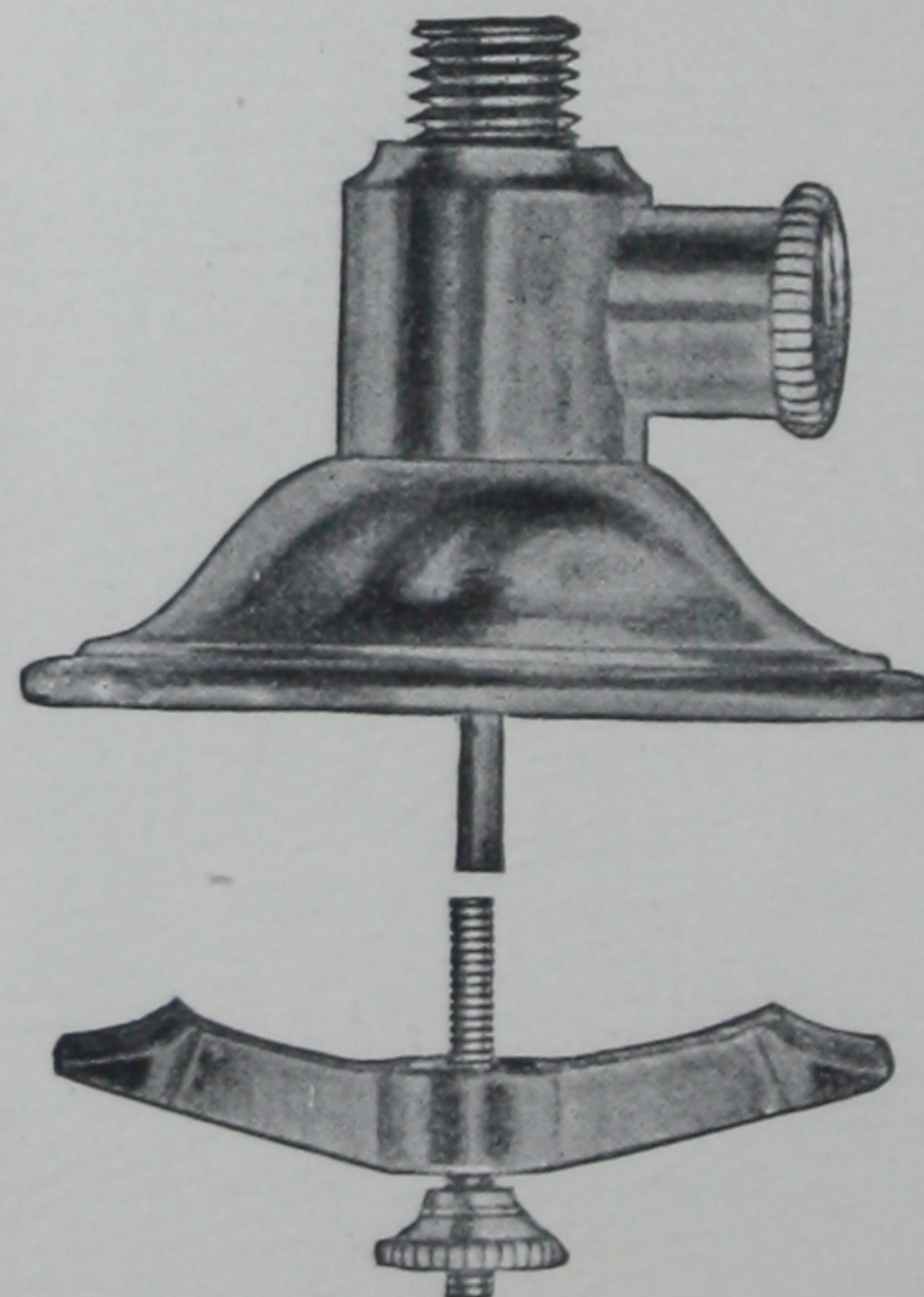
Extra heavy double dipped.

	Extra heavy double dipped.	Broken pkg. lots per foot.	Original. pkg lots per foot.
No. 3.	Silkoline covered,	\$0.10	\$0.08

Stove Tubing.

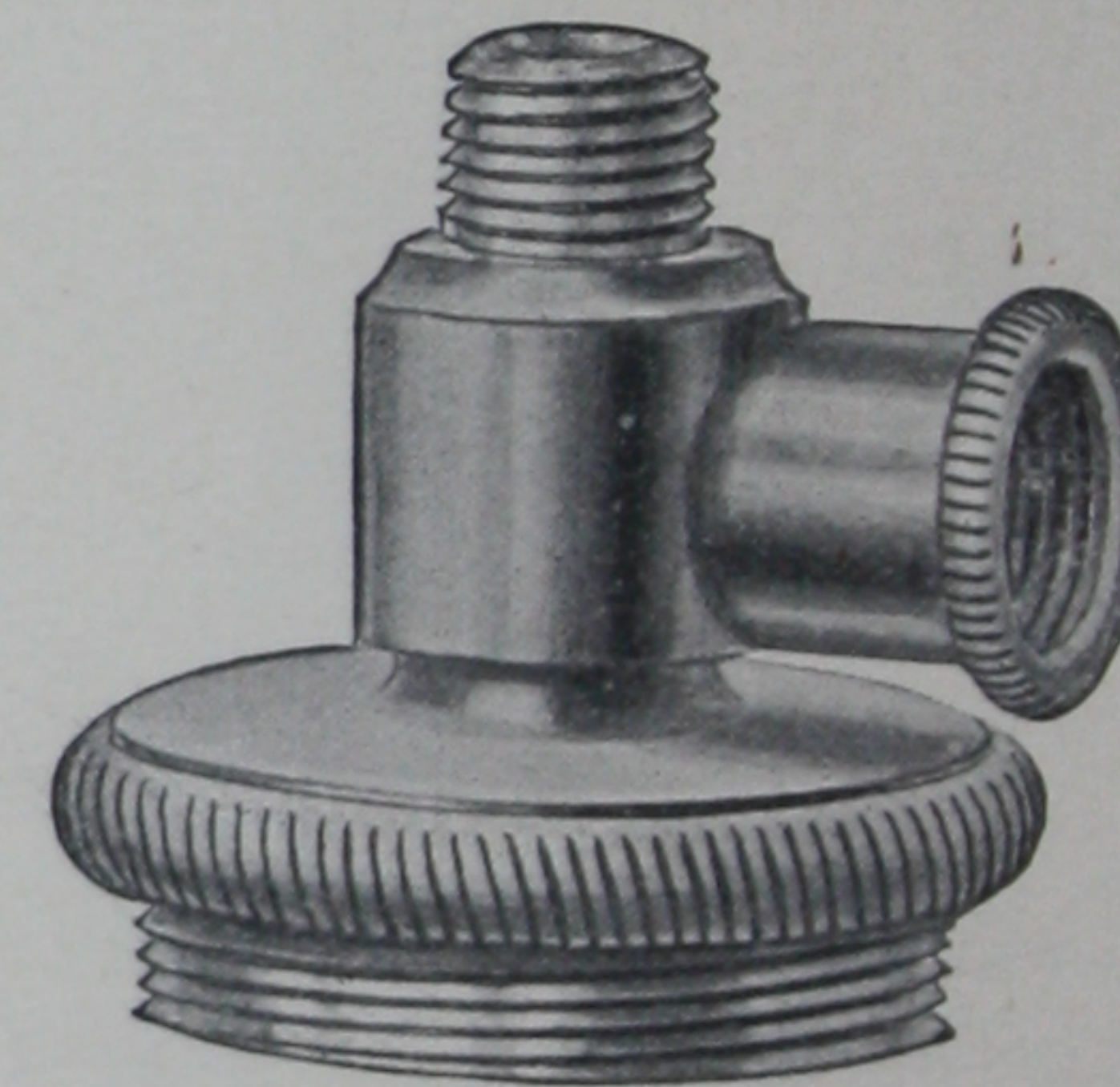
No. 9.	1/2-in. Cotton covered, double dipped,	Less than 1000 ft.	1000 ft. lots.
6.	3/8-in. Cotton covered, double dipped,	\$0.11	\$0.10
		.08	.07

All of the above Tubing is Diamond Braid F. Q. M. Brand and is fully guaranteed for one year from date of sale.



No. 7 CONVERTED LAMP FITTING
FOR CENTRAL DRAFT LAMP.

Price, each, **\$1.00** Price, per doz. **\$11.00**



CONVERTED LAMP FITTING.

By use of this fitting an oil lamp can be used as a gas lamp with Welsbach Burner.

No. 2, for use with Standard No. 2
lamp, price, each,.....**\$1.00**

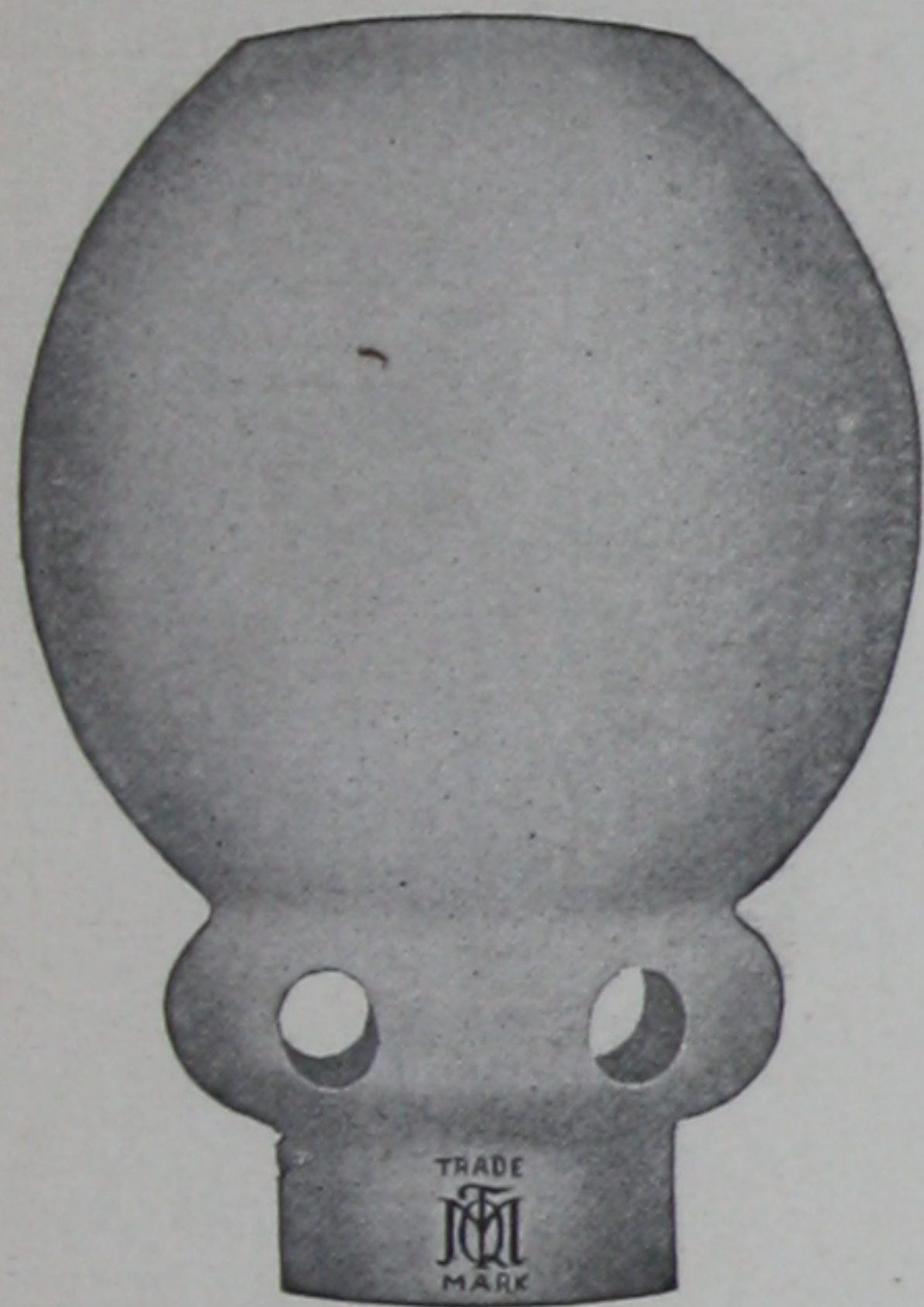
No. 2, for use with Standard No. 2
lamp, price, per dozen,..... **11.00**

No. 3, for use with Standard No. 3 lamp, price, each,.....	1.10
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No. 3, for use with Standard No. 3
lamp, price, per dozen,..... **12.00**

Imported Air-hole Glassware

Manufactured especially for the Welsbach Company under our private brand F. Q. M. Guaranteed to be the Finest Quality Made.



STYLE "Q." No. 302.

F. Q. M. BRAND.

Opal glass.

Package contains 16 dozen.

Price, per dozen, **\$2.80**
 " original package,
 per dozen, **2.60**



STYLE "UNIVERSAL." No. 305.

No. 305.

F. Q. M. BRAND.

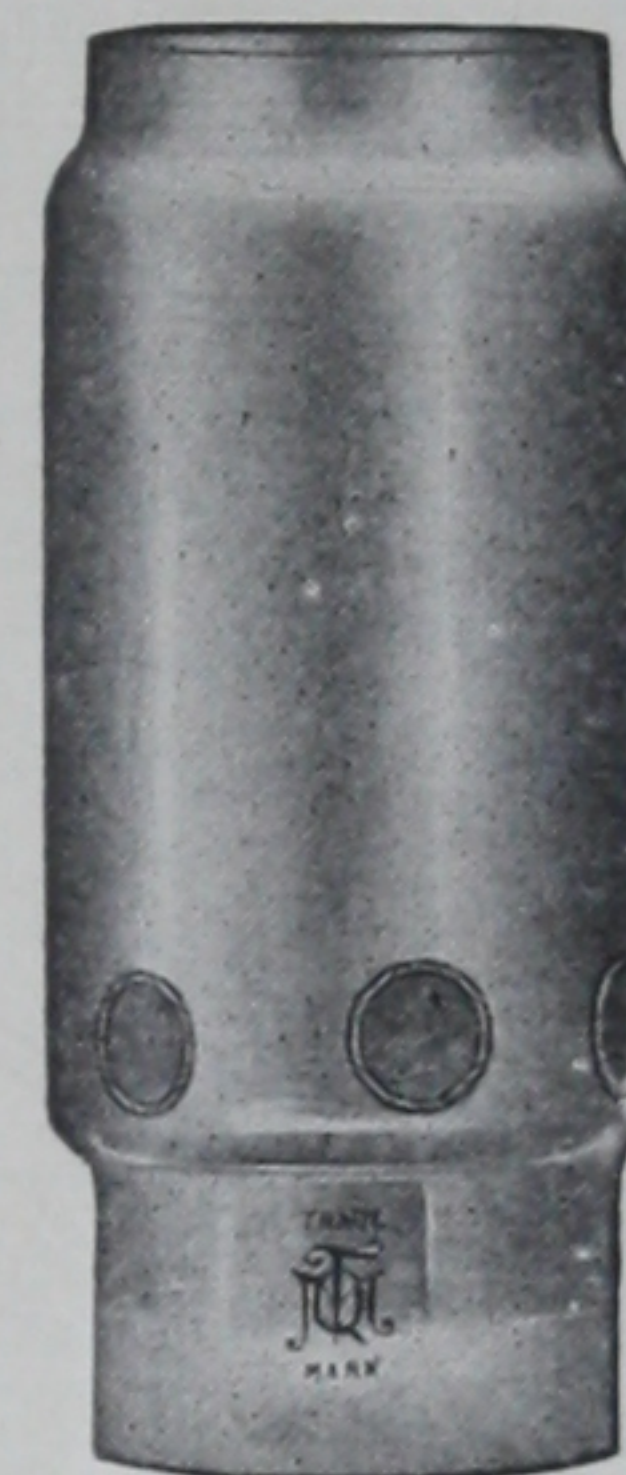
Clear glass.

Package contains 25 dozen.

PRICE,
 Per dozen, **\$2.50**
 Original package,
 per dozen, **2.30**

Opal glass.

PRICE,
 Per dozen, **3.20**
 Original package,
 per dozen, **3.00**



STYLE "FI." No. 310.

No. 310.

F. Q. M. BRAND

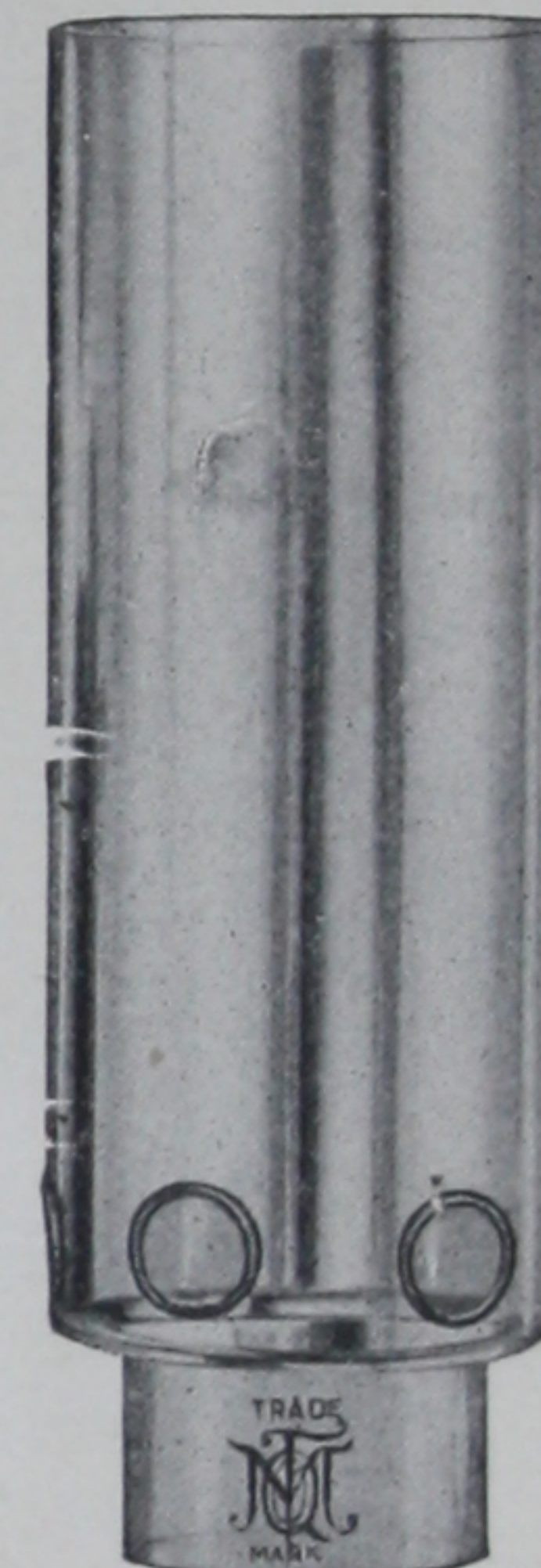
Clear glass.

Package contains 25 dozen.

PRICE,
 Per dozen, **\$1.70**
 Original package,
 per dozen, **1.50**

Opal glass.

PRICE,
 Per dozen, **2.40**
 Original package,
 per dozen, **2.20**



STYLE "195." No. 304.

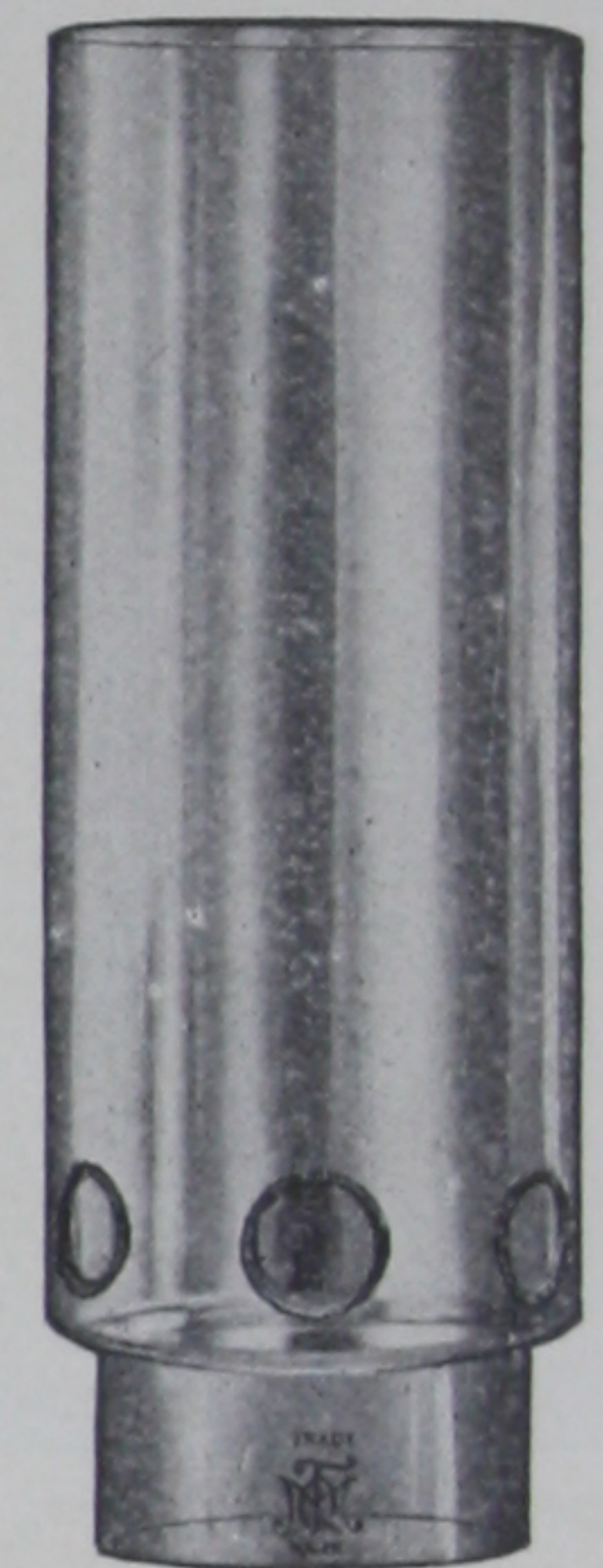
No. 304.

F. Q. M. BRAND.

Clear glass.

Package contains 30 dozen.

PRICE,
 Per dozen, **\$2.40**
 Original package,
 per dozen, **2.20**



STYLE "198." No. 306.

No. 306.

F. Q. M. BRAND.

Clear glass.

Package contains 30 dozen.

PRICE,
 Per dozen, **\$1.80**
 Original package,
 per dozen, **1.60**

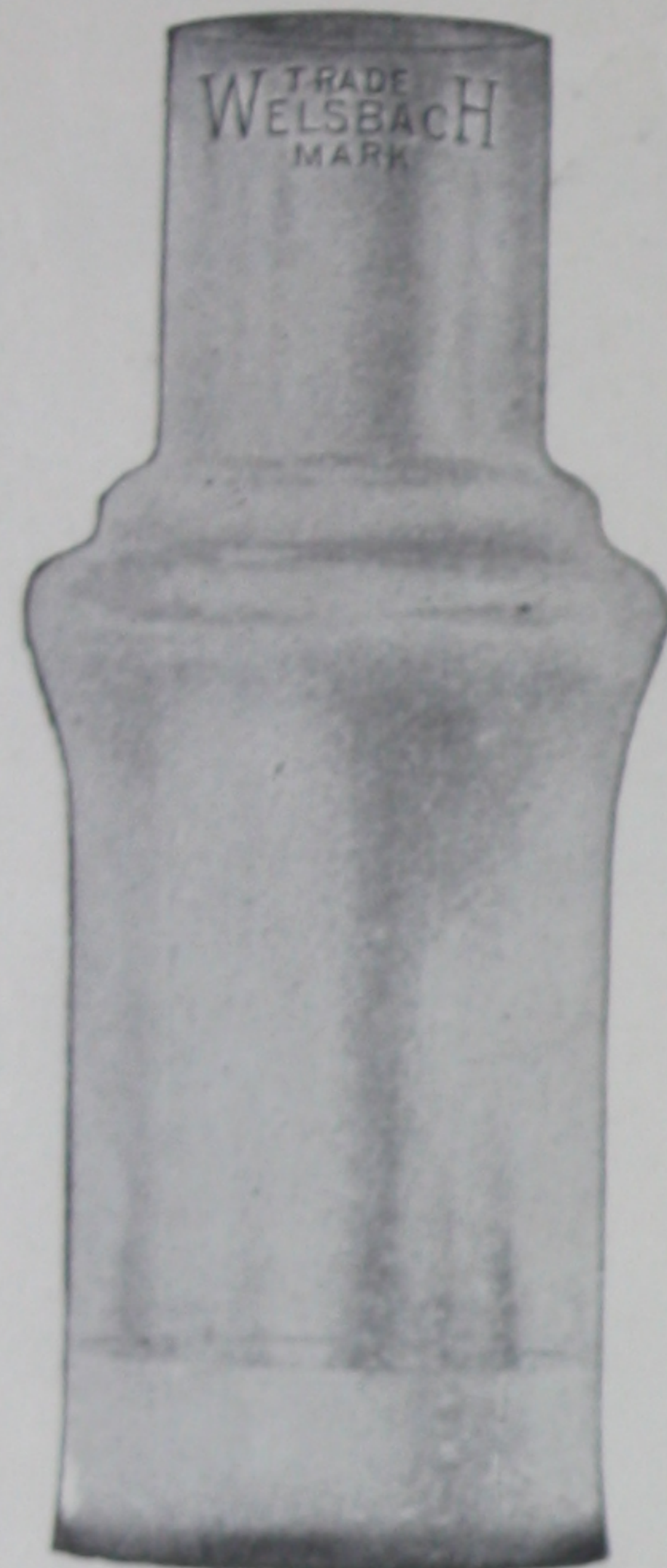
Opal glass.

PRICE,
 Per dozen, **2.50**
 Original package,
 per dozen, **2.30**

The glassware illustrated on this page will be repacked in cases containing six dozen pieces at the original package price, an extra charge of 50 cents net being made for the package. When taken in original packages, no charge for package.

Cylinders and Globes

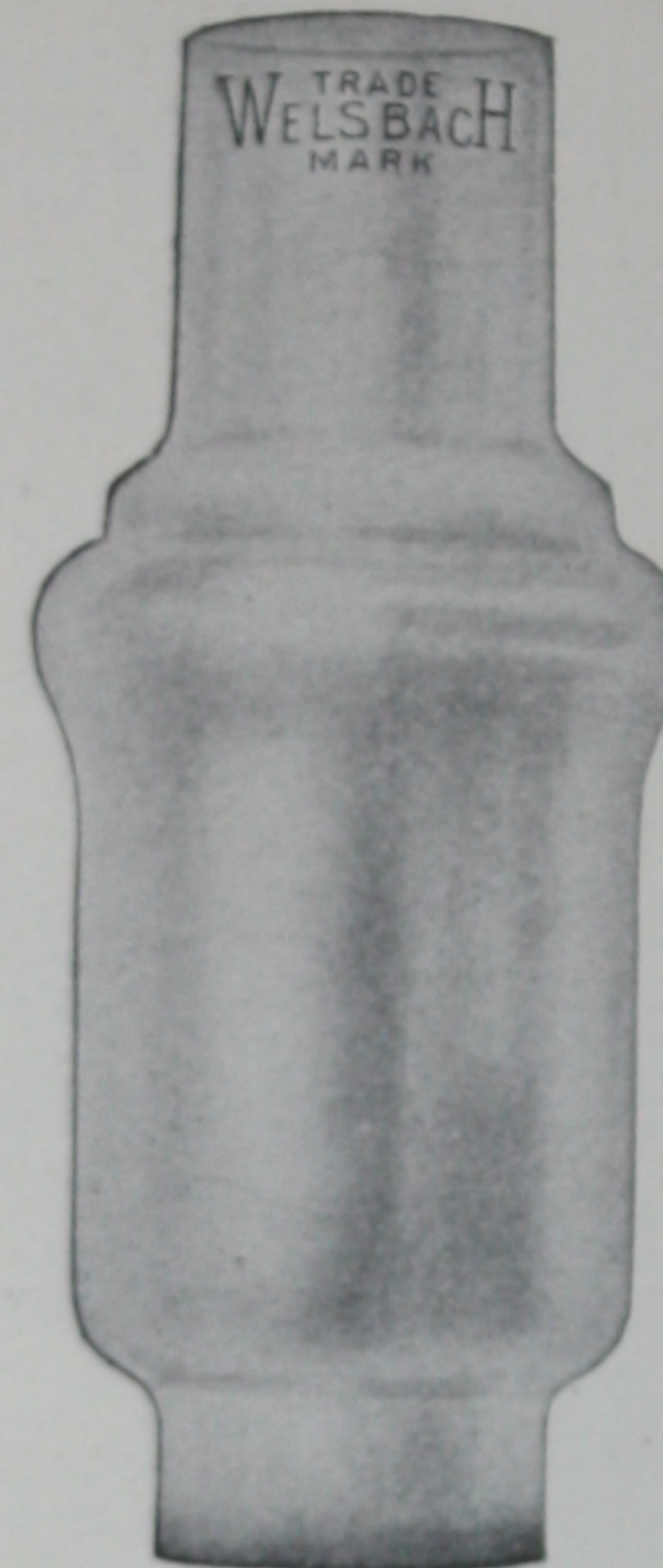
Packages charged at manufacturer's schedule.



DESIGN No. 8068.



DESIGN No. 6721.



DESIGN No. 8079.



DESIGN No. 6727.

The above designs are furnished in Lead Glass under brand "Welsbach." Package contains 6 dozen.
Price, broken packages, per dozen,.....\$1.50 Price, original packages, per dozen,.....\$1.30



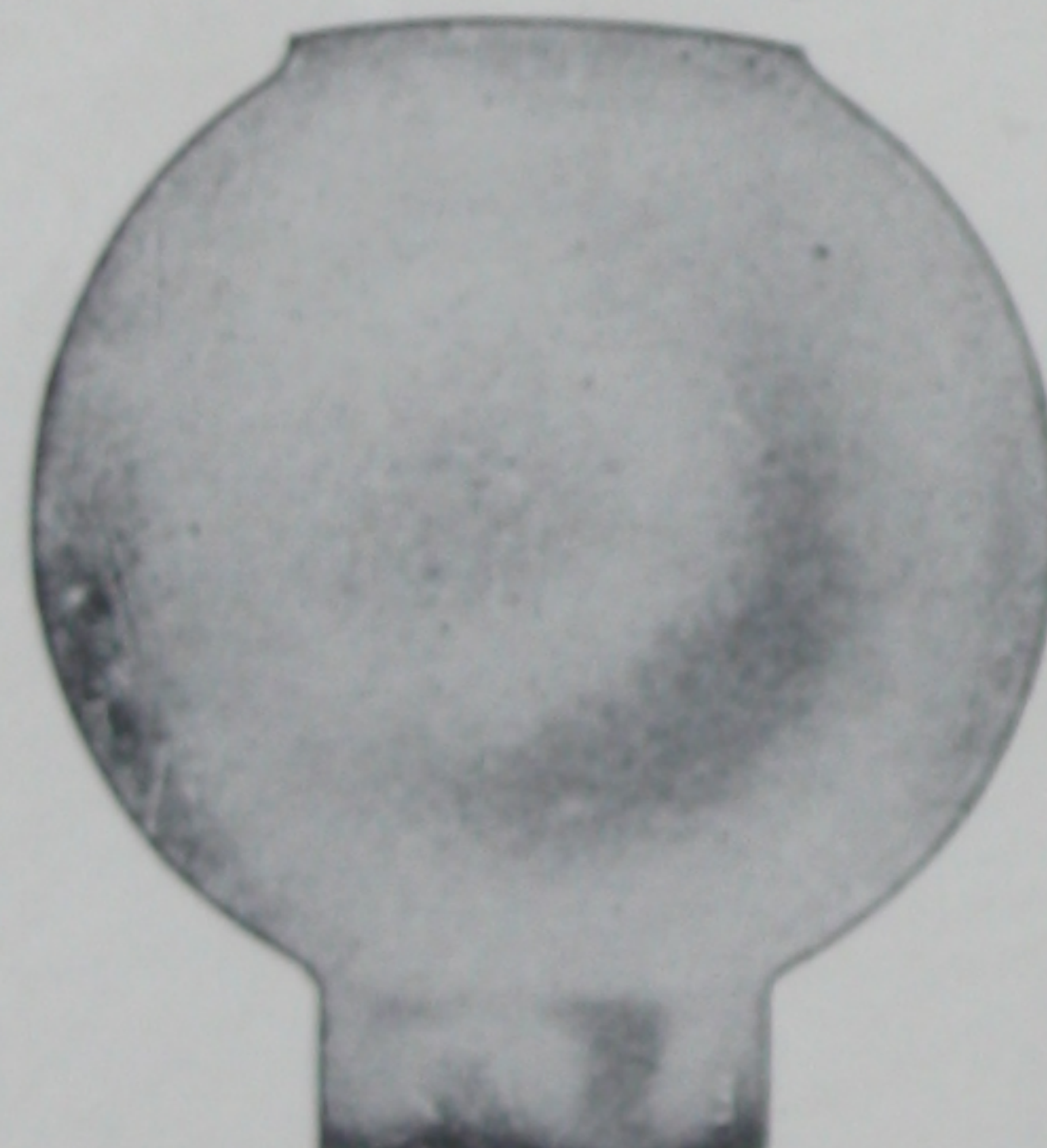
DESIGN No. 82.

2-inch bottom fitter. Package contains 6 dozen.

Prices, on either No. 82 or No. 66 Globes:

Opal or acid-roughed top and bottom.

Broken pkgs., per doz., \$1.20
Orig. 1.05



DESIGN No. 66.

All acid-roughed, or one end roughed.

Broken pkgs., per doz., \$1.15
Orig. 1.00



DESIGN No. 436.

3-inch bottom fitter. Diameter of globe, 6 inches. Package contains 2 dozen.

Price, Opal, broken pkg., per doz., \$2.50
original 2.00



DESIGN No. 580.

2 3/8-inch bottom fitter, for No. 61 or No. 63 Gallery Burners. Package contains 6 dozen.

Prices, on either No. 580 or No. 61 Globes:

Opal or acid-roughed top and bottom.

Broken pkgs., per doz., \$1.35
Orig. 1.20



DESIGN No. 61.

All acid-roughed, or one end roughed.

Broken pkgs., per doz., \$1.50
Orig. 1.15

Shades

Packages charged at manufacturer's schedule.



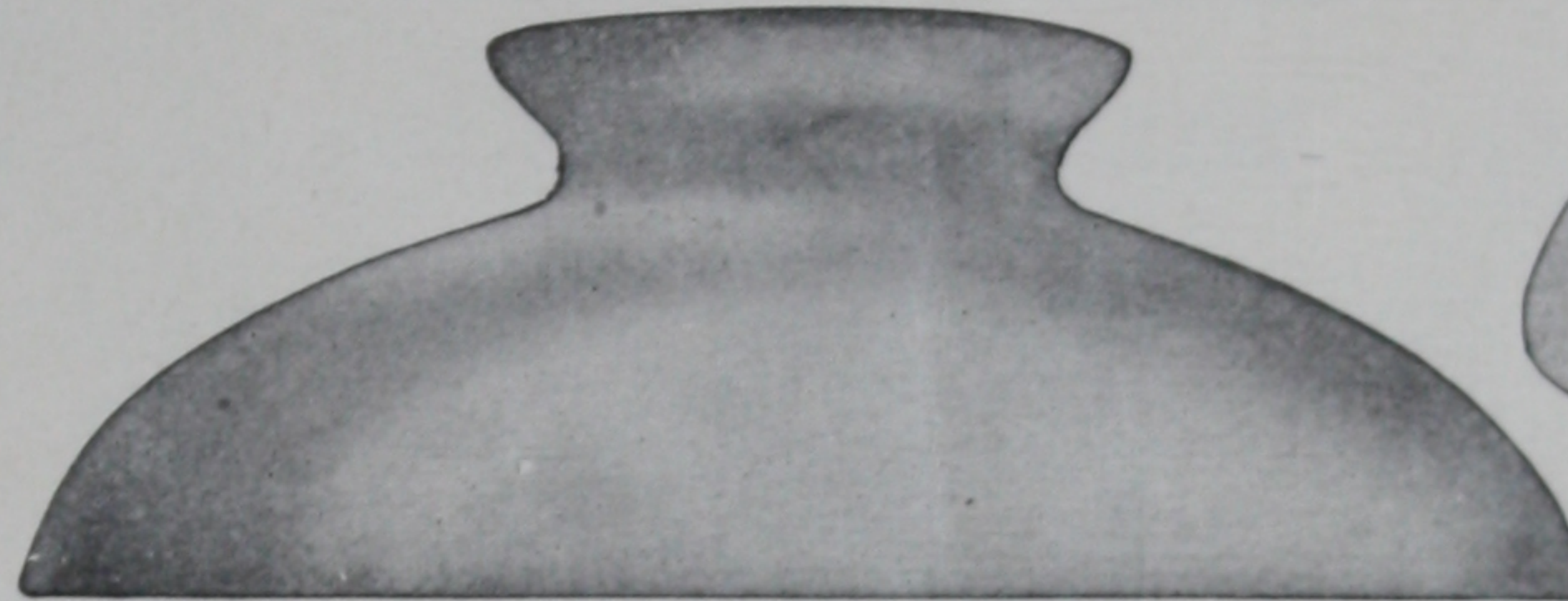
No. 100. 10-INCH BELL TOP RIBBED DOME.
PRICES—Opal lined: Royal Copper, \$2.00 each; \$18.00 doz. Green, \$1.15 each; \$9.00 doz. Yellow, \$1.40 each; \$13.00 doz.



No. 101. 10-INCH BELL TOP DOME.
PRICES—Opal lined: Royal Copper, \$2.00 each; \$18.00 doz. Green, \$1.15 each; \$9.00 doz. Yellow, \$1.40 each; \$13.00 doz.



Nos. 10 AND 43. RIBBED.
Orig. pkg. contains 2½ doz. PRICES—Furnished in Green, Opal lined. Orig. pkg., \$10.00 doz. Broken pkg., \$11.50 doz.



No. 71. 10-INCH SHADE.
Original package contains 2 dozen green—8⅓ dozen opal.

	PRICES:	Broken pkg.	Orig. pkg.
Opal, per doz.,.....	\$3.75	\$2.75	
Green, opal lined, per doz.,.....	8.50	7.50	

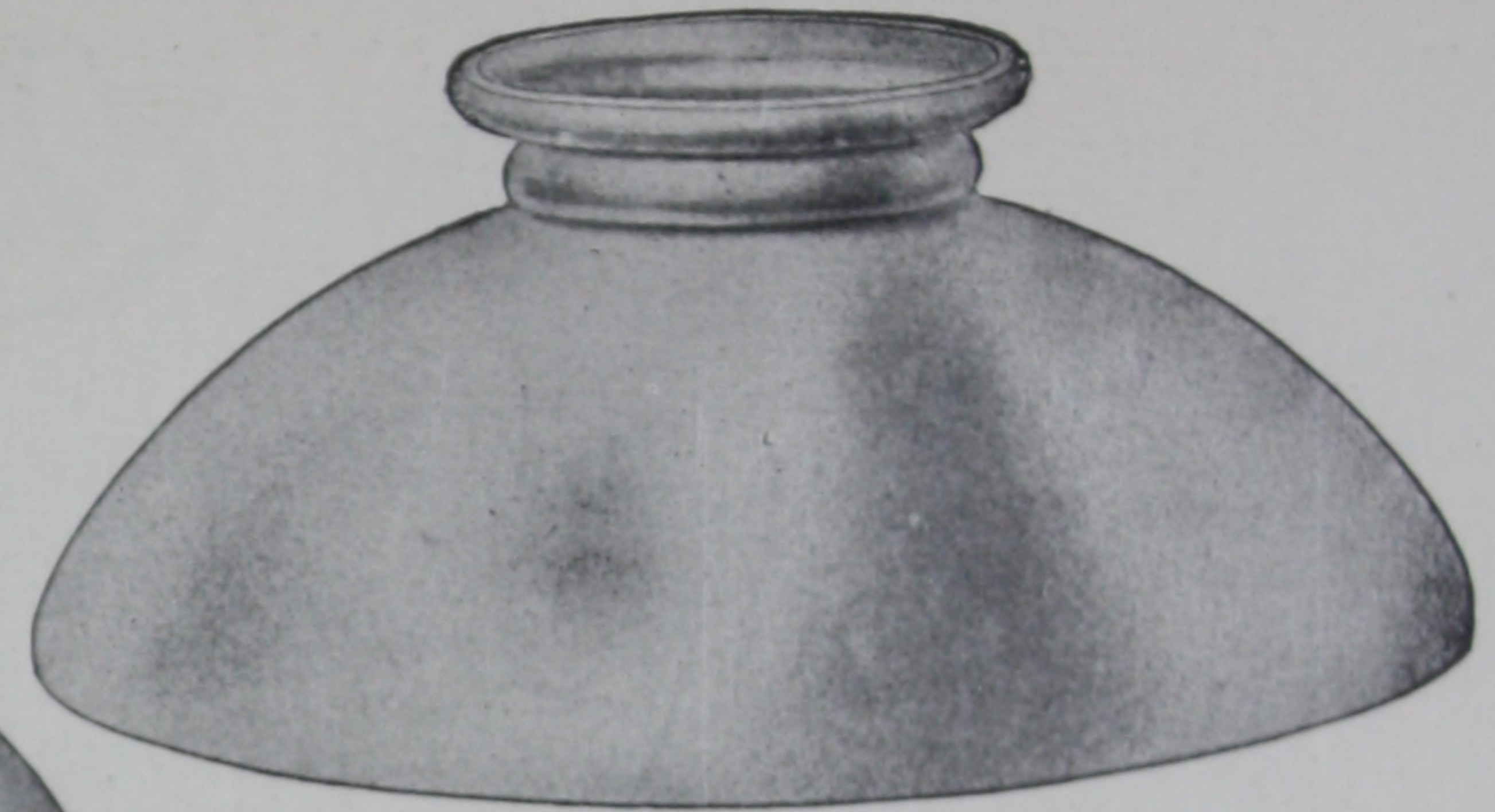
No. 102. 8-INCH SHADE.
(Same shape as No. 71.)
Original package contains 3 dozen opal—4½ dozen green.

	PRICES:	Broken pkg.	Orig. pkg.
Opal per doz.,.....	\$2.30	\$1.80	
Green, opal lined, per doz.,.....	4.50	4.00	

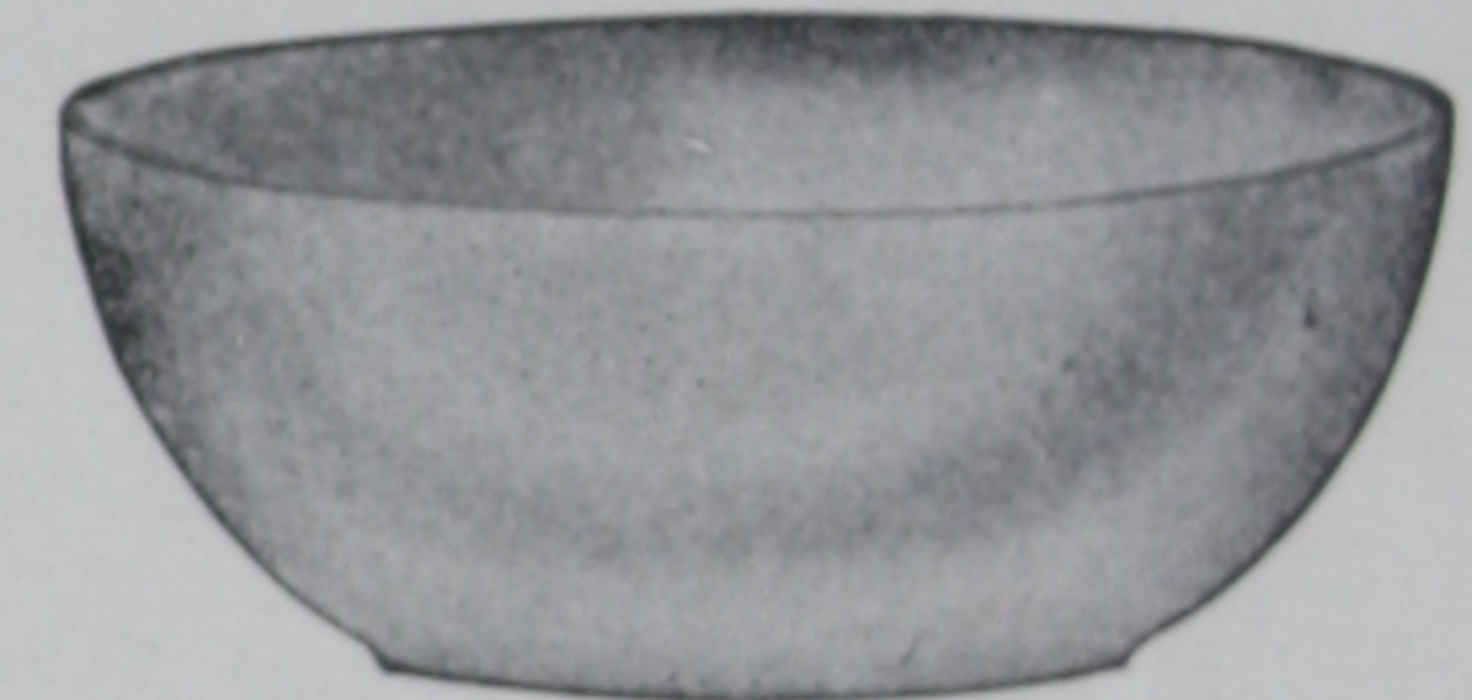


No. 74. FLUTED OPAL SHADE, 8 INCHES DIAMETER.
Package contains 6 dozen.

	PRICES:
Broken package, per doz.,.....	\$1.80
Original packages, per doz.,.....	1.65



No. 10. PARABOLIC SHADE, 10 INCHES DIAMETER.



No. 43. BOBESCHE SHADE.

	PRICES:	Per dozen.
No. 10 Opal, broken package,.....	\$4.00	
Original package, 1½ dozen,.....	3.00	
No. 43 Opal or roughed, broken package,.....	1.00	
Original package, 12½ dozen,.....	.90	
No. 10 and No. 43 Opal, Original package, 1½ dozen,.....	4.00	

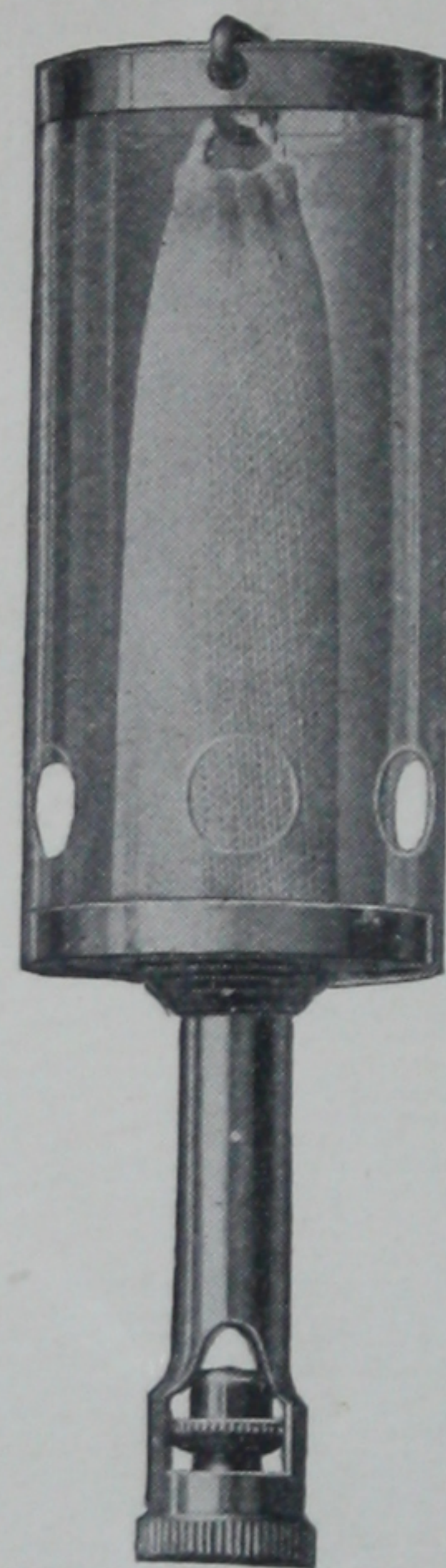
	No. 1036 Green, Opal lined, No. 10 only.	Per dozen.
Broken package,.....	\$8.50	
Original package, 2 dozen,.....	7.50	

	No. 10 and No. 43.	Per dozen.
No. 1036 Green, opal lined, broken pkg.,.....	\$11.50	
Original package, 2½ dozen,.....	10.00	
No. 1032 Pink, opal lined, imp., broken pkg.,	18.00	
Original package, 2½ dozen,.....	16.00	
No. 1133 Yellow, opal lined, imp., bkn. pkg.,	18.00	
Original package, 2½ dozen,.....	16.00	

THE *Welsbach Junior* LIGHT

Burner, Needle Valve Adjustment - - **Mantle,** J Brand Welsbach - - **Chimney,** Air-Hole, Mica

The Welsbach Junior Light is 5 inches high—gives 50 candle power light—uses 2 feet of gas per hour—attaches to any gas fixture—is concealed from view by globe—and can be installed without extra cost for glassware.



The mantle is mounted in the chimney, and these two parts are sold combined. The chimney preserves the mantle from damage, both in handling and use, and is placed on the burner with the same simplicity as attends the renewal of an electric light bulb.

THE WELSBACH JUNIOR LIGHT

The Welsbach Junior Light is a boxed light, satisfactory from every standpoint, and is offered at a price so low as to compel popularity.

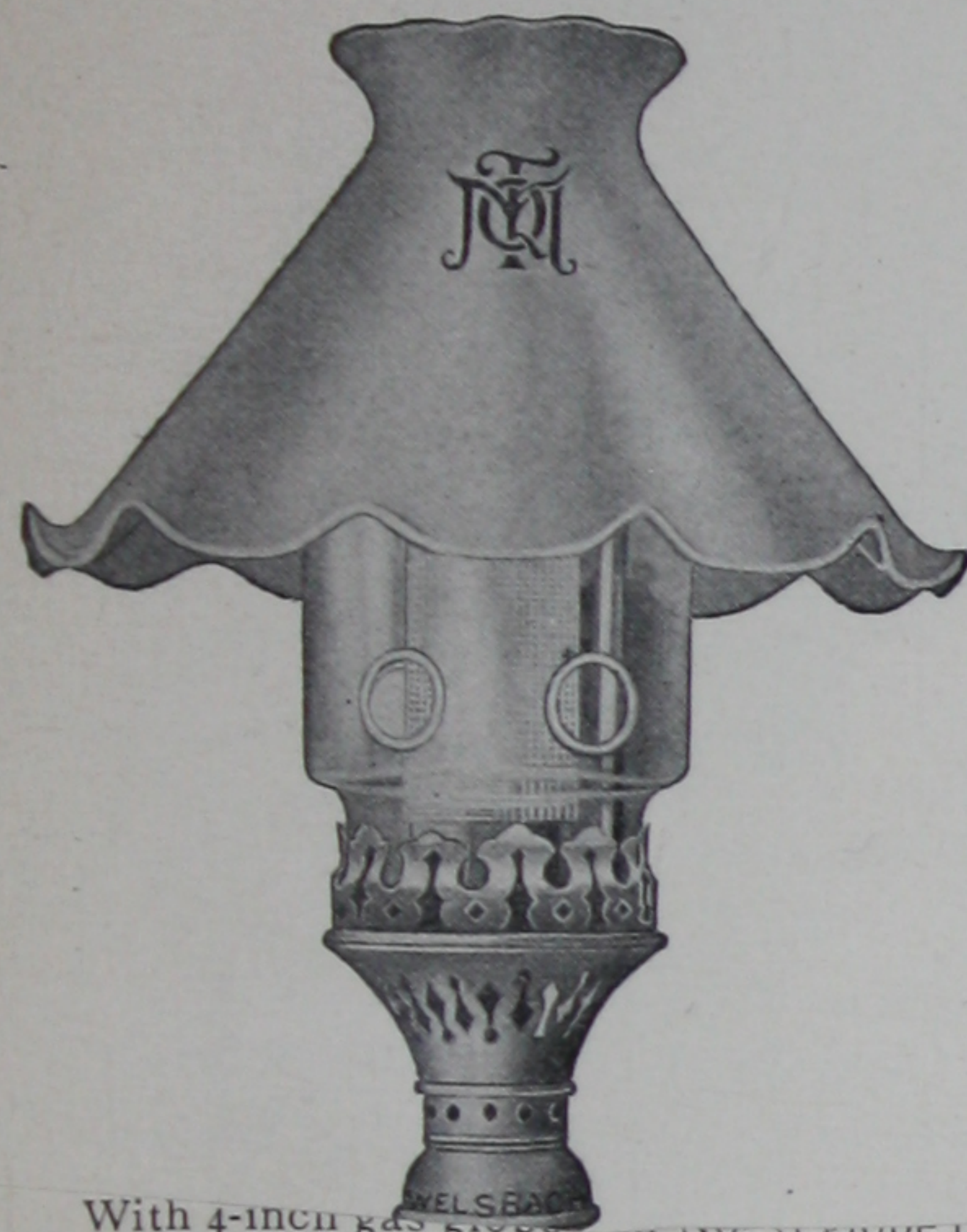
Price, per dozen, each,	\$ 6.00 .50
Price, per 100, each,	1.00 .45

Welsbach Junior Mantle-Chimney Priced on Page 7.

B. Welsbach Junior

Cleanliness, Compactness,

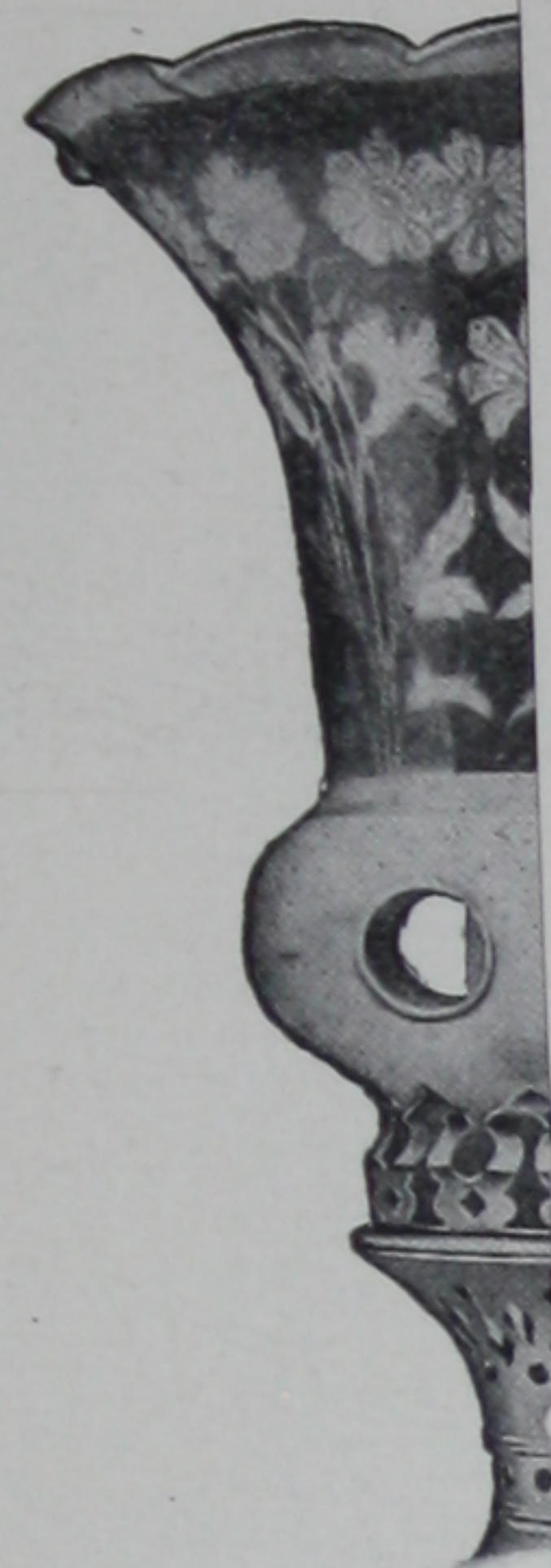
By-Pass schedule.



With 4-inch gas globe and No. 31 globe ring.

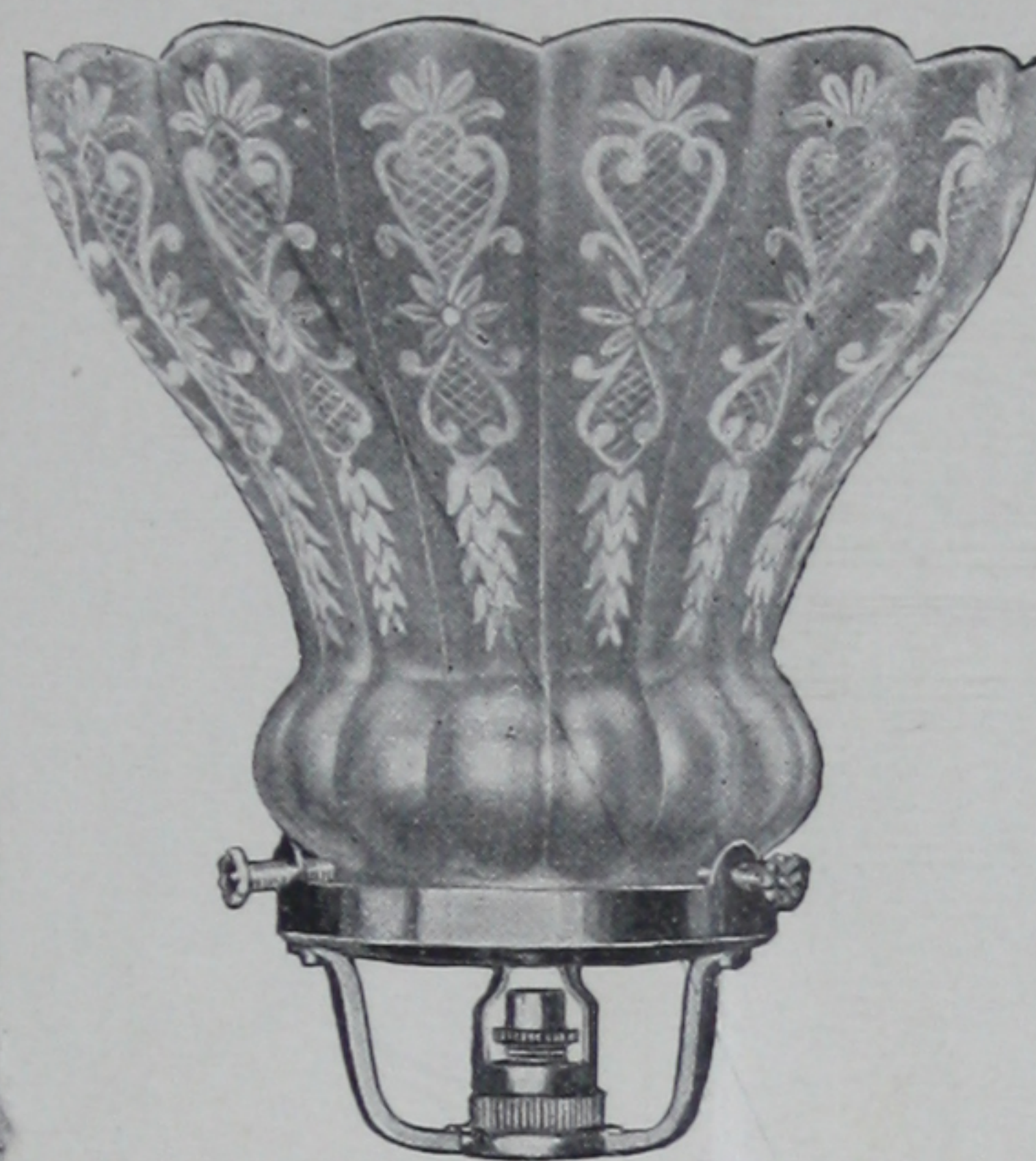
Price of No. 31 globe ring illustrated above.

Per dozen, \$1.50
Per gross, 13.50



WELSBACH JUNIOR LIGHT.

With No. 21 globe ring and 2 1/4-in. electric globe.



WELSBACH JUNIOR LIGHT.

With No. 23 fitter and 2-inch globe.

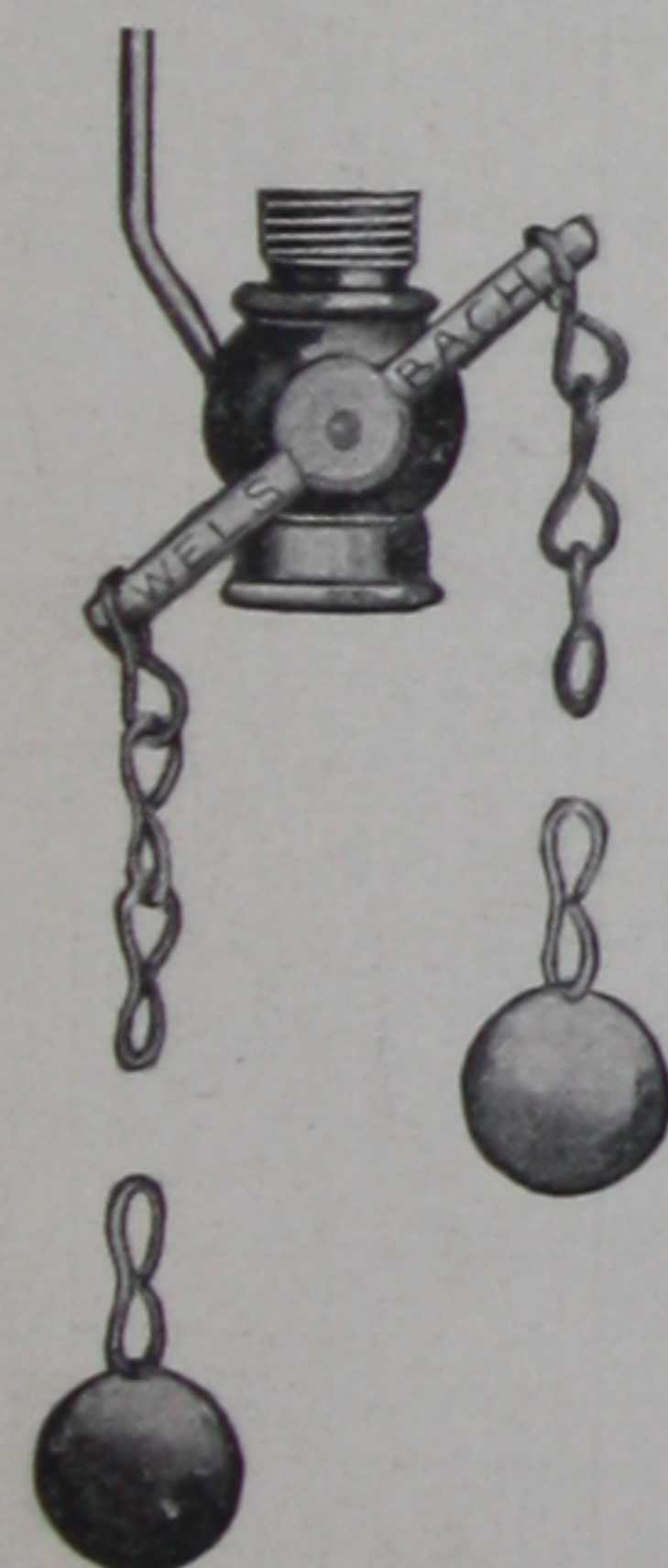


With No. 24 5-inch tripod and candle shade.

No. 22 Welsbach Side Pilot By-Pass

Especially designed for use with the Welsbach Junior Light.

Price, per dozen, \$2.70
Price, per gross, 28.00



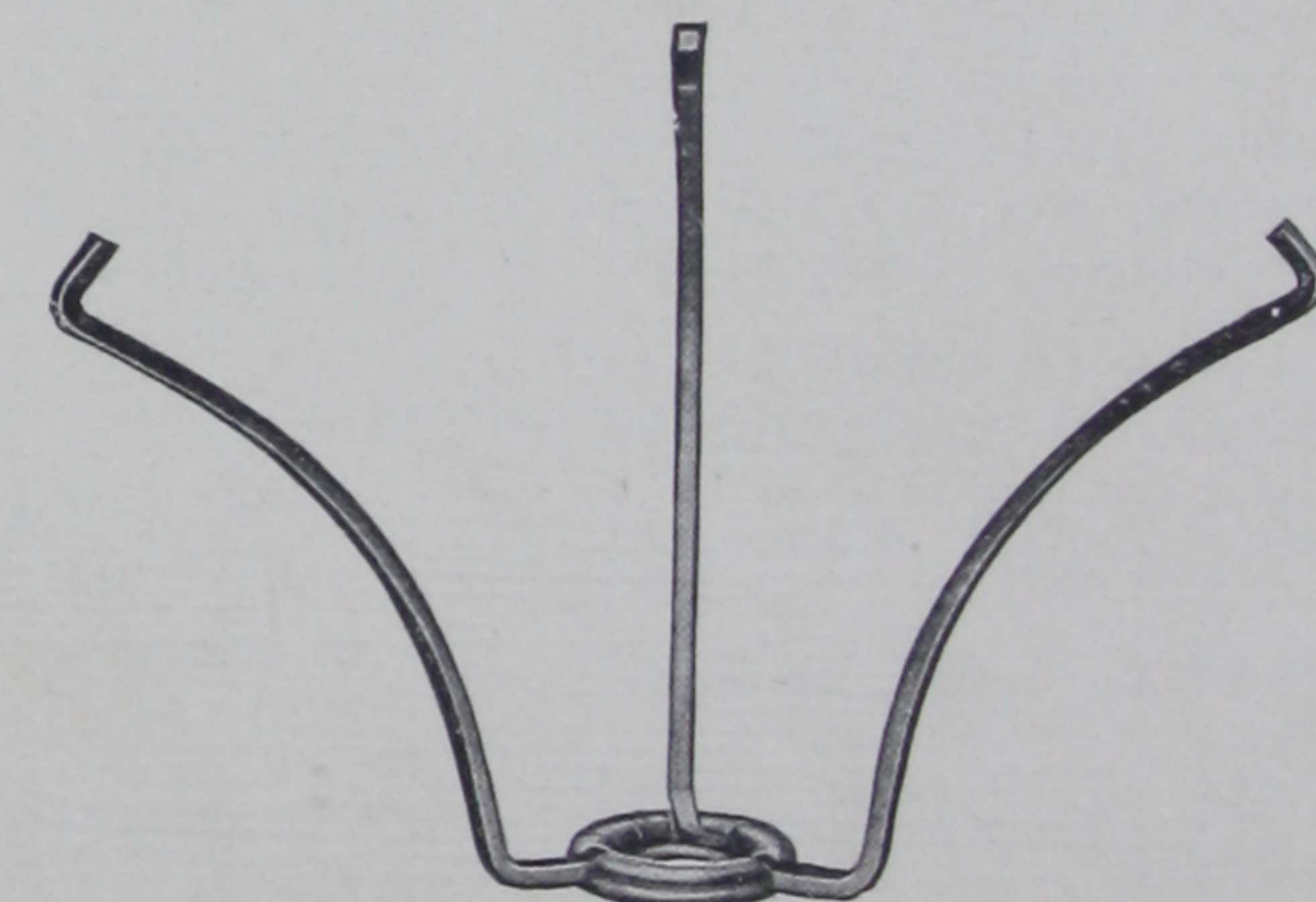
No. 21 ELECTRIC GLOBE RING.

Price, per dozen, ... \$1.15
Price, per gross, 11.00



No. 23 2-INCH GLOBE FITTING.

Price, per doz. \$1.50
Price, per gro. 15.00



No. 24 5-INCH TRIPOD.

Price, per dozen, \$1.10
Price, per gross, 10.50

Boxed Welsbach Light

TI

ess Compactness, Convenience and Economy. Packages charged a

LIGHT

Burner, Needle Valve A

- - Chimney, Air-Hole, Mica

The Welsbach Junior
high—gives 50 candle
feet of gas per hour—a
fixture—is concealed fro



DESIGN No. 71302.

Boxed complete, with No.
71 Welsbach Burner,
No. 302 F. Q. M. opal
globe, No. 197 J Brand
Welsbach Mantle.

Price, complete,
dozen, lots, each, **\$1.10**

Price, complete,
100 lots, **1.00**

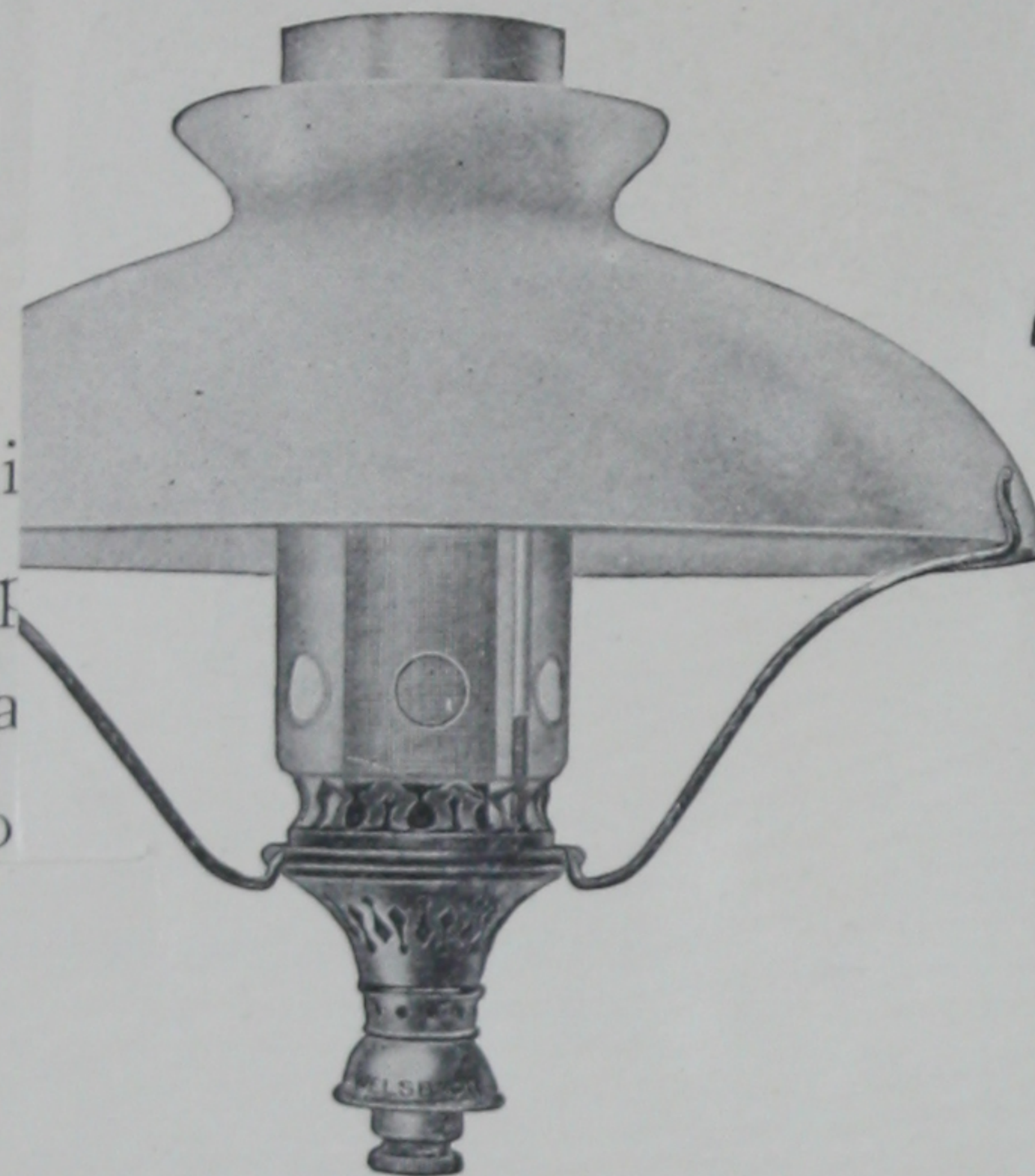
PRICE OF GLOBE, No. 302.

F. Q. M. Brand. Opal
glass.

Package contains 16 dozen.

Price, per dozen, **\$2.80**

" original package,
per dozen, **2.60**



DESIGN No. 71306.

Boxed complete, with No. 71 Welsbach Burner,
No. 306 F. Q. M. cylinder, No. 197 J
Brand Welsbach Mantle, with No. 71 new
shape 10-inch shade and tripod packed
separately.

With opal shade:

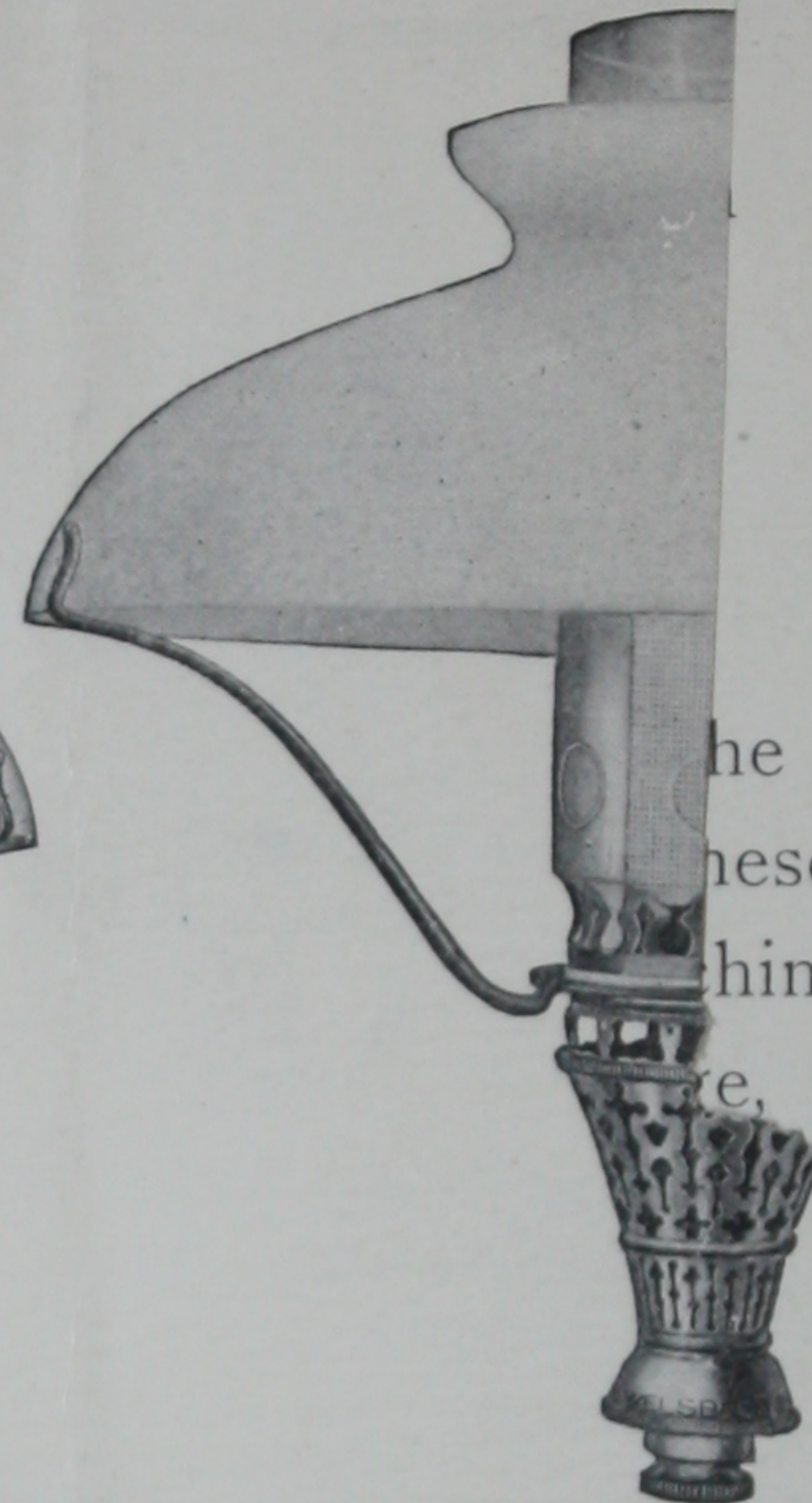
Price, complete, dozen lots, each, **\$1.40**

" " 100 " " **1.30**

With green-plated shade:

Price, complete, dozen lots, each, **\$1.90**

" " 100 " " **1.80**



DESIGN No. 66306.

Boxed complete, with No. 66 Welsbach burner,
No. 306 F. Q. M. cylinder. No. 4197
Intensive brand Welsbach mantle, with No.
71 new shape 10-inch shade and tripod
packed separately.

With opal shade:

Price, complete, dozen lots, each, ... **\$1.70**

" " 100 " " **1.60**

With green-plated shade:

Price, complete, dozen lots, each, **\$2.20**

" " 100 " " **2.10**

Deduct 20 cents from price quoted with opal shade
when ordered without shade.



DESIGN No. 66302.

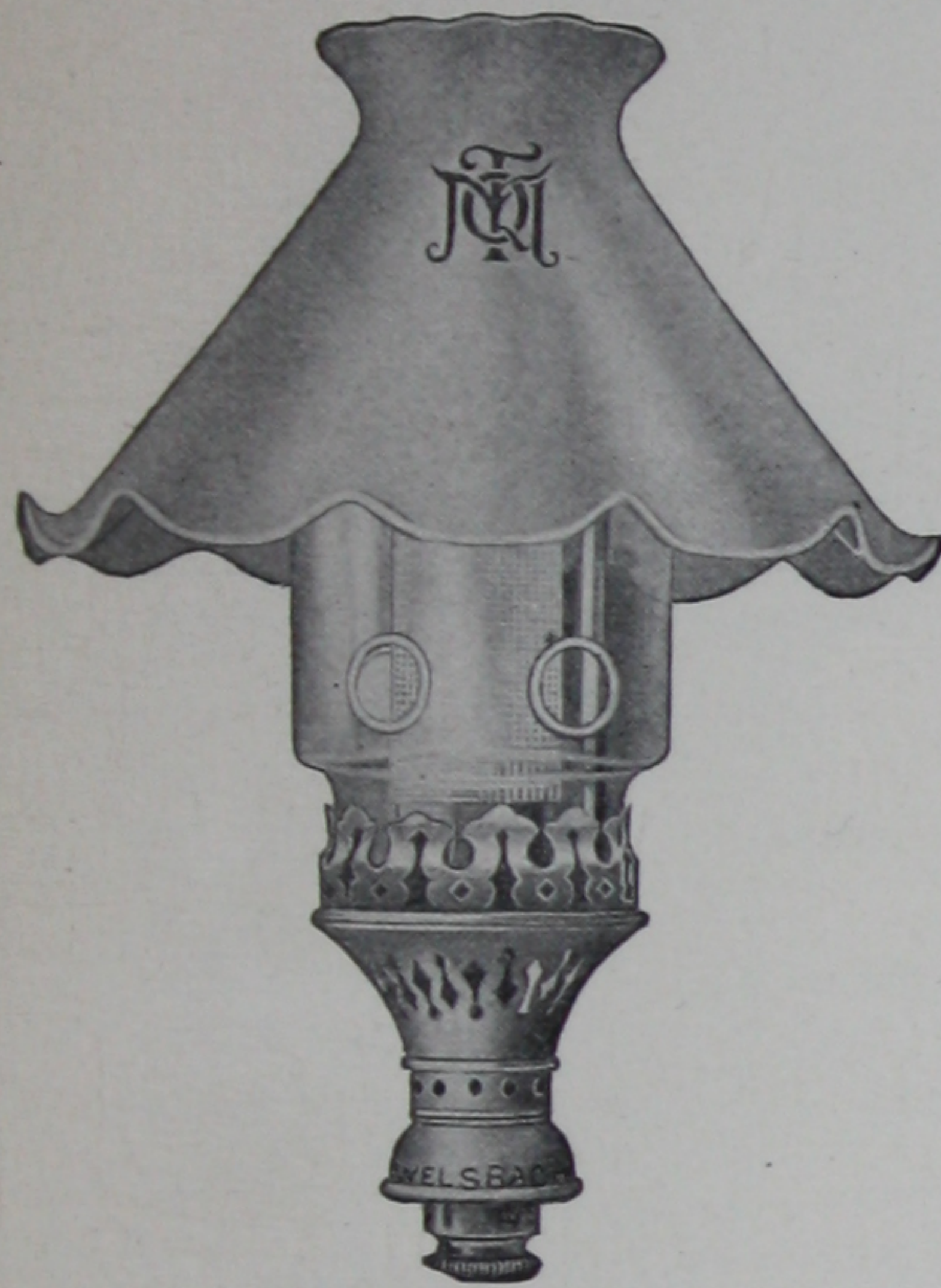
Boxed complete, with No.
66 Welsbach burner,
No. 302 F. Q. M. opal
globe, No. 4197 Inten-
sive brand Welsbach
mantle.

Price complete, dozen
lots, each, **\$1.40**

Price complete, 100
lots, each, **1.30**

Boxed Welsbach Lights

Cleanliness, Compactness, Convenience and Economy. Packages charged at manufacturer's schedule.



DESIGN No. 71310.

THE CHIC LIGHT.

Boxed complete, with No. 71 Welsbach burner, No. 310 F. Q. M. cylinder, No. 196 Junior J Brand Welsbach mantle.

The No. 316 opal shade will be packed separately.

Price, complete, clear cylinder, each, dozen lots,.....**\$1.35**

Price, complete, clear cylinder, 100 lots, each,..... **1.25**

With No. 310 F. Q. M. opal cylinder.

Price complete, dozen lots, each,.....**\$1.45**

Price complete, 100 lots, each, **1.35**

Price of Shade No. 316.

Package contains 16 dozen.

Price, per dozen,.....**\$4.40**

" original pkg., per doz., **4.00**



DESIGN No. 71566.

THE NIPPON LIGHT.

Boxed complete with No. 71 Welsbach burner, No. 197 J Brand Welsbach mantle, No. 0566 white acid-etched air-hole globe.

Price complete, dozen lots, each,.....**\$1.40**

Price complete, 100 lots, each,.....**1.30**

Price of Globe No. 0566.

Package contains 16 dozen.

Price, per dozen,.....**\$6.40**

" original pkg., per doz.,..... **6.00**



DESIGN No. 71567.

THE FAIRY LIGHT.

Boxed complete with No. 71 Welsbach burner, No. 197 J Brand Welsbach mantle, No. 0567 white acid-etched air-hole globe.

Price, complete, dozen lots, each,.....**\$1.40**

Price complete, 100 lots, each,..... **1.30**

Price of Globe No. 0567.

Package contains 16 dozen.

Price, per dozen,.. **\$6.40**

" original pkg., per doz.,..... **6.00**



DESIGN No. 71308.

Boxed complete with No. 71 Welsbach burner, No. 308 Q etched globe, No. 197 J Brand Welsbach mantle.

Price, complete, doz. lots, each, **\$1.40**

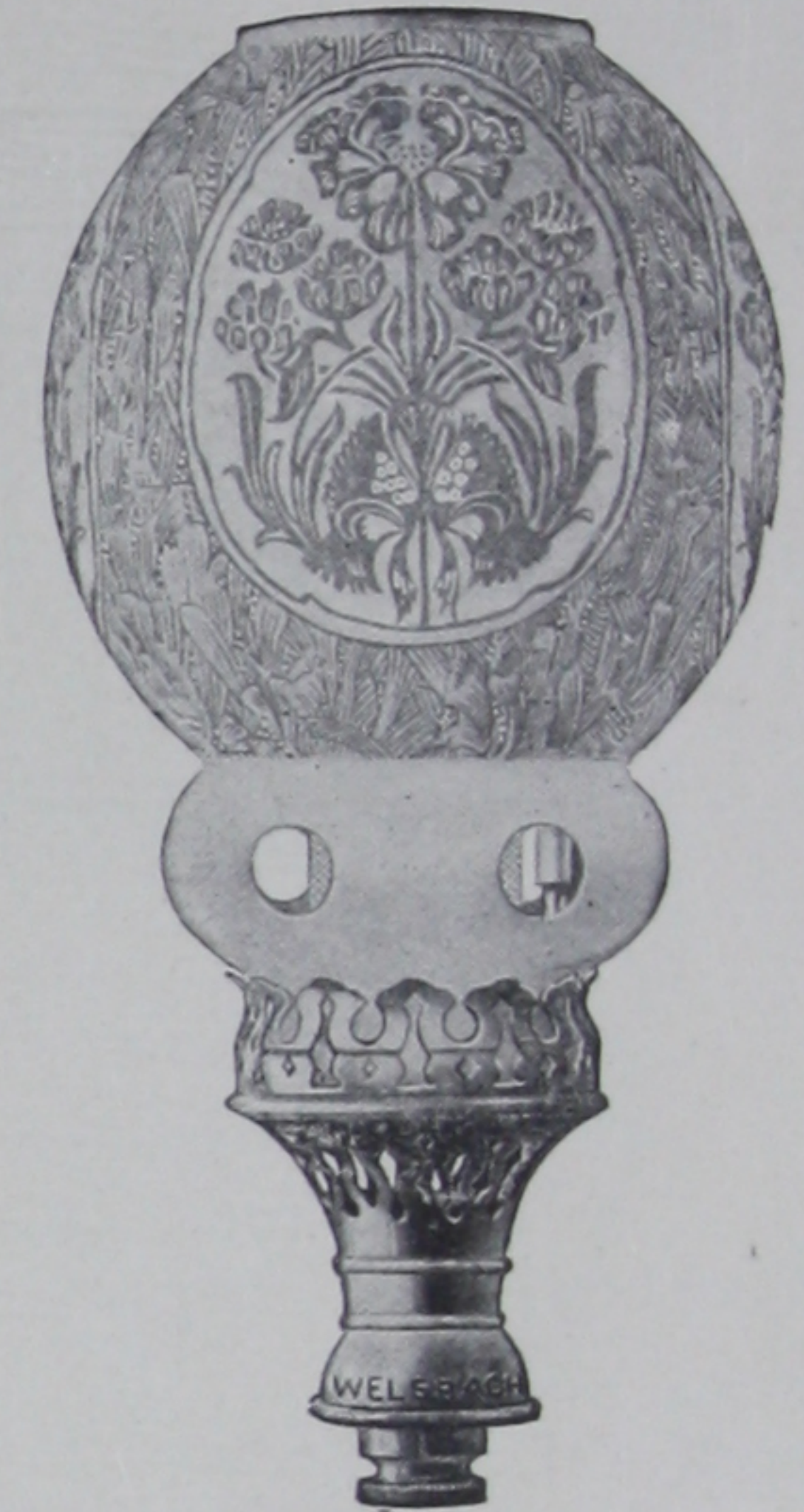
Price, complete, 100 lots, each, **1.30**

Price of globe No. 308.

Package contains 16 dozen.

Price, per doz., **\$6.40**

" original pkg., per doz.,..... **6.00**



DESIGN No. 71309.

Boxed complete with No. 71 Welsbach burner, No. 309 Q etched globe, No. 197 J Brand Welsbach mantle.

Price complete, doz. lots, each, **\$1.40**

Price, complete, 100 lots, each, .. **1.30**

Price of Globe No. 309.

Package contains 16 dozen.

Price, per doz., **\$6.40**

" original pkg., per doz.,..... **6.00**

Holophane Globes

Packages charged at manufacturer's schedule.



DESIGN No. 3801.

CLASS B.

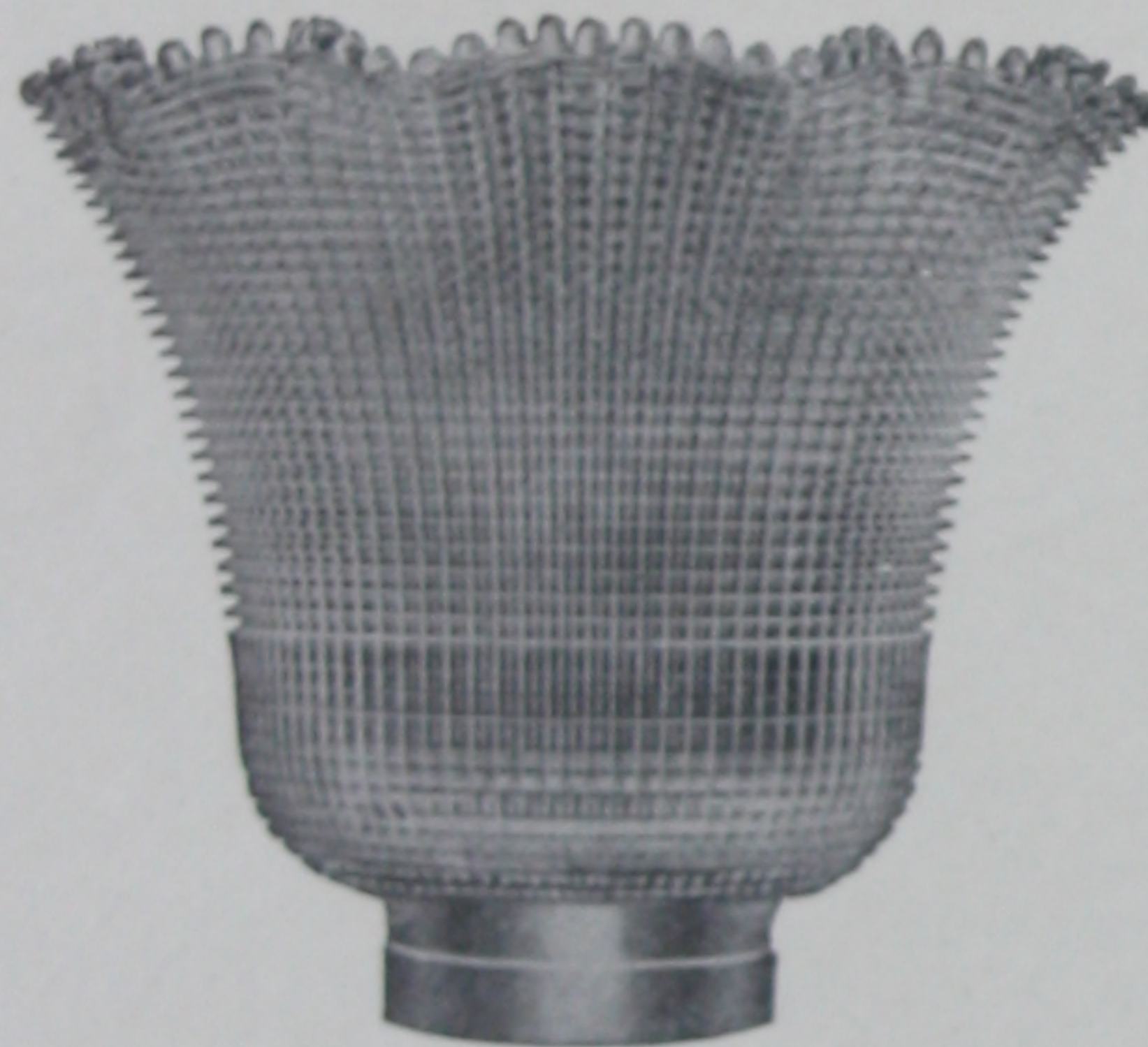
Package contains 4 dozen.

Fitting, $3\frac{1}{4}$ inches.

Height of globe, $4\frac{1}{2}$ inches; width, $6\frac{1}{2}$ inches.

Price, per dozen,..... **\$12.00**

Price, original package, per dozen,..... **10.50**



DESIGN No. 2711.

CLASS B.

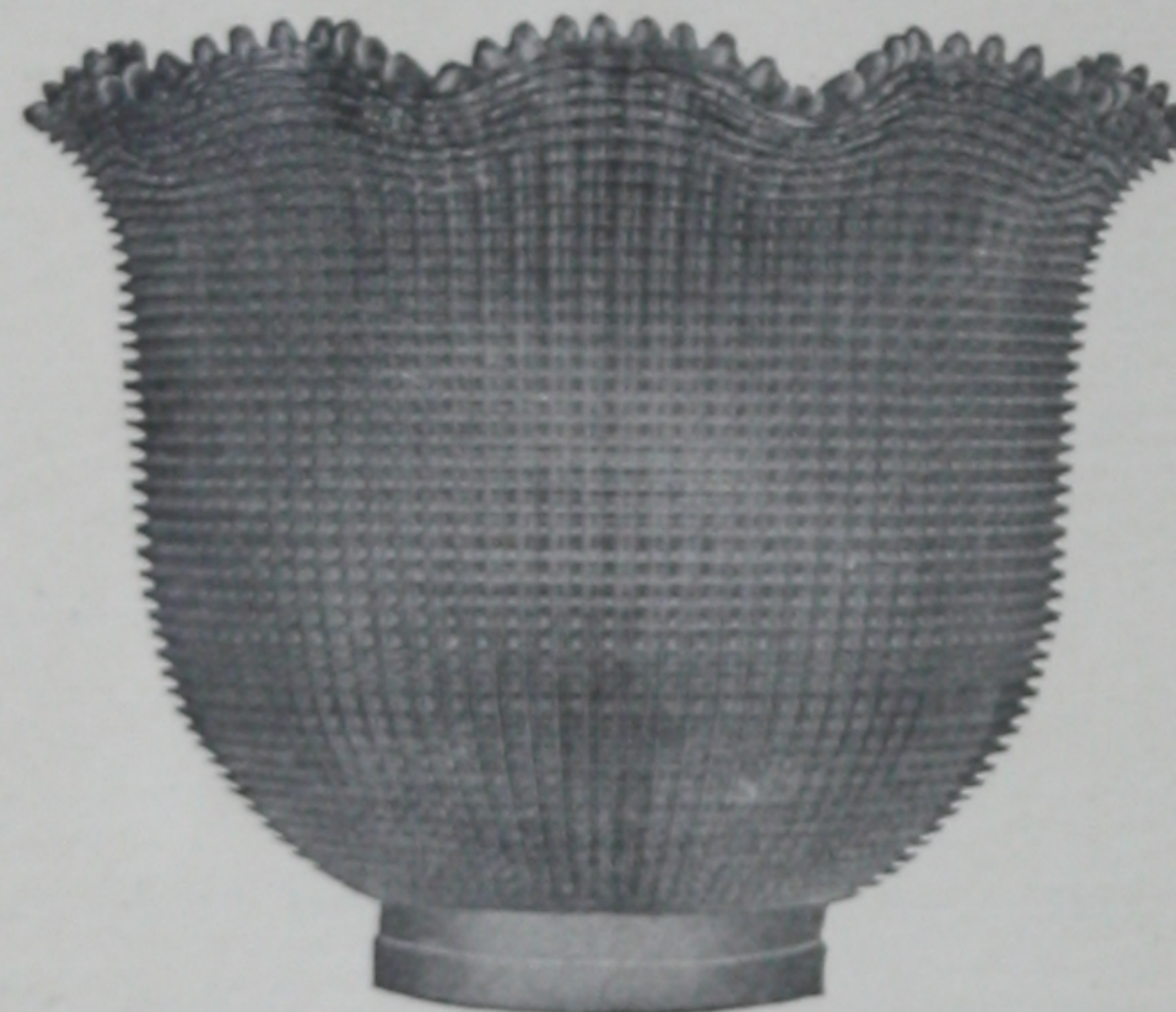
Package contains $3\frac{1}{2}$ dozen.

Fitting, $2\frac{3}{8}$ inches.

Height of globe, 5 inches; width, 6 inches.

Price, per dozen,..... **\$12.00**

Price, original package, per dozen,..... **10.50**



DESIGN No. 2404.

CLASS B.

Package contains 3 dozen.

Fitting, $2\frac{3}{8}$ inches.

Height of globe, 5 inches; width, 6 inches.

Price, per dozen,..... **\$12.00**

Price, original package, per dozen,..... **10.50**



DESIGN No. 2400.

CLASS B.

Package contains 5 dozen.

Fitting, 2 inches.

Height of globe, $4\frac{3}{4}$ inches; width, 5 inches.

Price, per dozen,..... **\$9.50**

Price, original package, per dozen,..... **8.50**



DESIGN No. 1386.

CLASS A.

Package contains 7 dozen.

Fitting, $3\frac{1}{4}$ inches.

Height of globe, 3 inches; width $5\frac{7}{8}$ inches.

For use in connection with dome shades for reading or desk lights.

Price, per dozen,..... **\$7.00**

Price, original package, per dozen,..... **6.00**

Fancy Globes for No. 61 and No. 63 Universal Welsbach Burners

Fitting, 2⅜ inches.

Price quoted is for glassware only.

Packages charged at manufacturer's schedule.



DESIGN No. 1.

Etched and Cut Top.

Package contains 3 dozen.

PRICES:

Crystal,...	\$0.75	each.	\$8.00	doz.
Aurora,...	1.15	"	12.00	"
Yellow,...	1.15	"	12.00	"



DESIGN No. 6.

Etched and Cut Top.

Package contains 3 dozen.

PRICES:

Crystal,...	\$0.75	each.	\$8.00	doz.
Aurora,...	1.15	"	12.00	"
Yellow,...	1.15	"	12.00	"



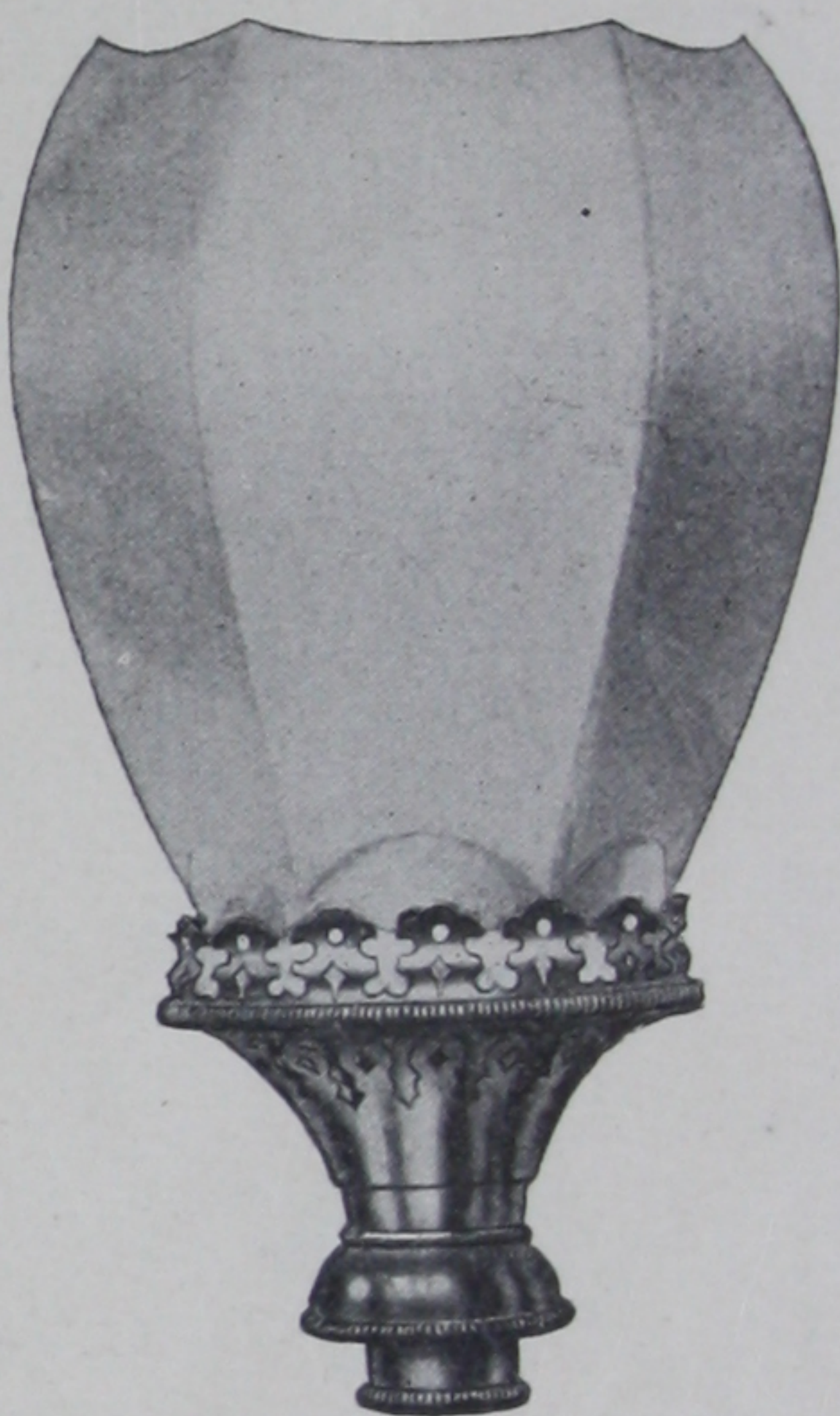
DESIGN No. 11.

Etched and Cut Top.

Package contains 3 dozen.

PRICES:

Crystal,...	\$0.75	each.	\$8.00	doz.
Salmon,...	.90	"	10.00	"
Aurora. .	1.15	"	12.00	"



DESIGN No. 0458.

Crystal French Roughed.

Package contains 6 dozen.

PRICES:

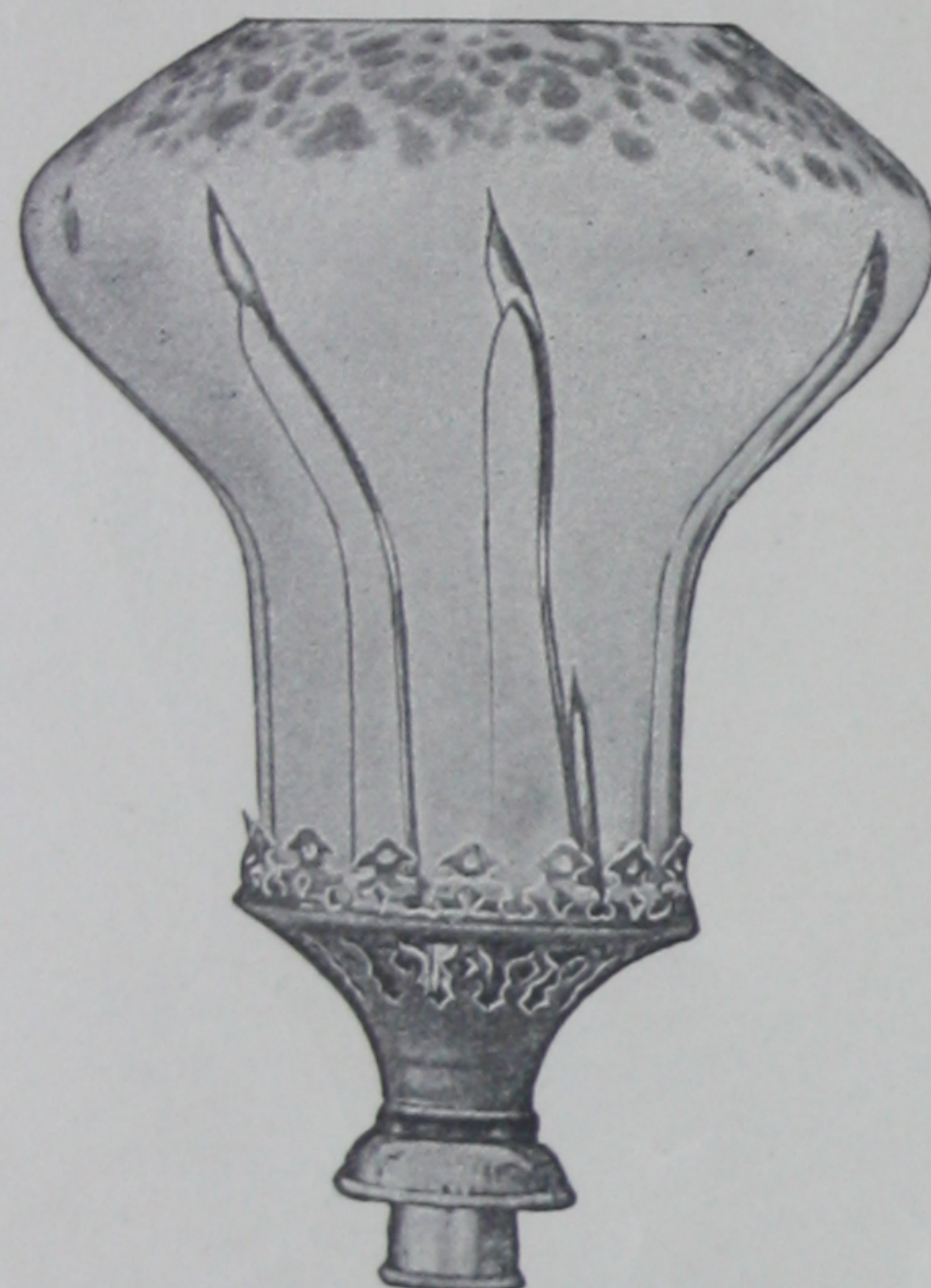
Price, per dozen,.....	\$4.80
" original package, per	
dozen,.....	4.50

Fancy Globes for No. 61 and No. 63 Universal Welsbach Burners

Fitting, 2 $\frac{3}{8}$ inches.

Price quoted is for glassware only.

Packages charged at manufacturer's schedule.



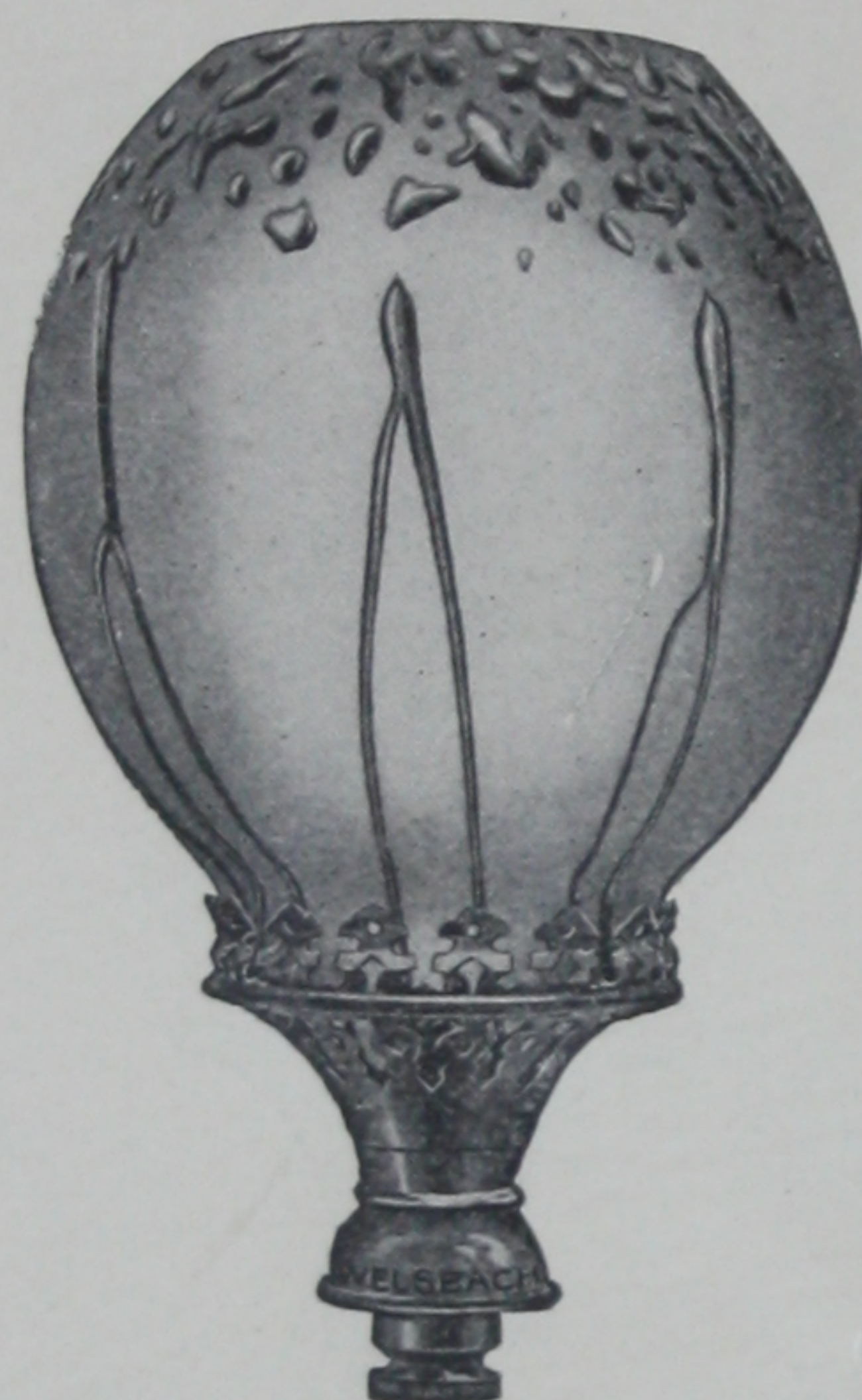
DESIGN No. 0470.

Iridescent Opaline.

Rose dots and green overlaid stripes.
Also comes with green dots and
ruby overlaid stripes.

Package contains 3 dozen.

Price, each,.....**\$1.00**
" per dozen,.....**10.00**



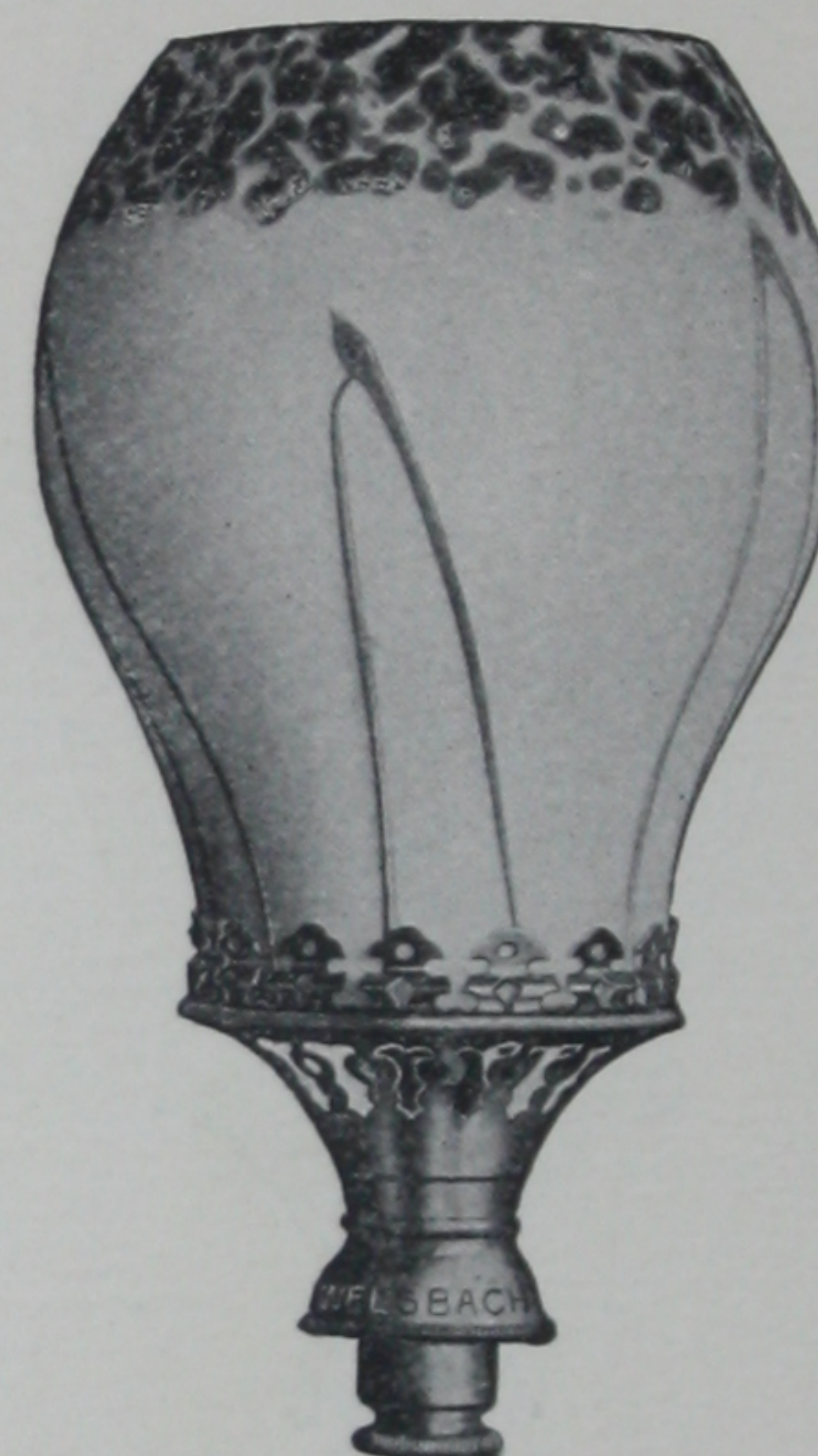
DESIGN No. 0471.

Iridescent Opaline.

Rose dots and green overlaid stripes.
Also comes with green dots and
ruby overlaid stripes.

Package contains 3 dozen.

Price, each,.....**\$1.00**
" per dozen,.....**10.00**



DESIGN No. 0472.

Iridescent Opaline.

Rose dots and green overlaid stripes.
Also comes with green dots and
ruby overlaid stripes.

Package contains 3 dozen.

Price, each,.....**\$1.00**
" per dozen,.....**10.00**



DESIGN No. 0474

Deep ruby glass.

Opal-lined inside, gold-dragon
decoration.

Package contains 3 dozen.

Price, each,.....**\$2.00**
" per dozen,.....**20.00**

Fancy Globes for No. 6I and No. 7I Universal Welsbach Burners

Fittings, 2 inches and 2 3/8 inches.

Price quoted is for glassware only.

Packages charged at manufacturer's schedule.



DESIGN No. 0465.

Embossed design, iced mat inside.

Fitting, 2 3/8 inches.

Package contains 3 dozen.

PRICES:

Crystal,...	\$0.75 each.	\$7.00 doz.
Salmon,...	.90 "	8 50 "



DESIGN No. 0466.

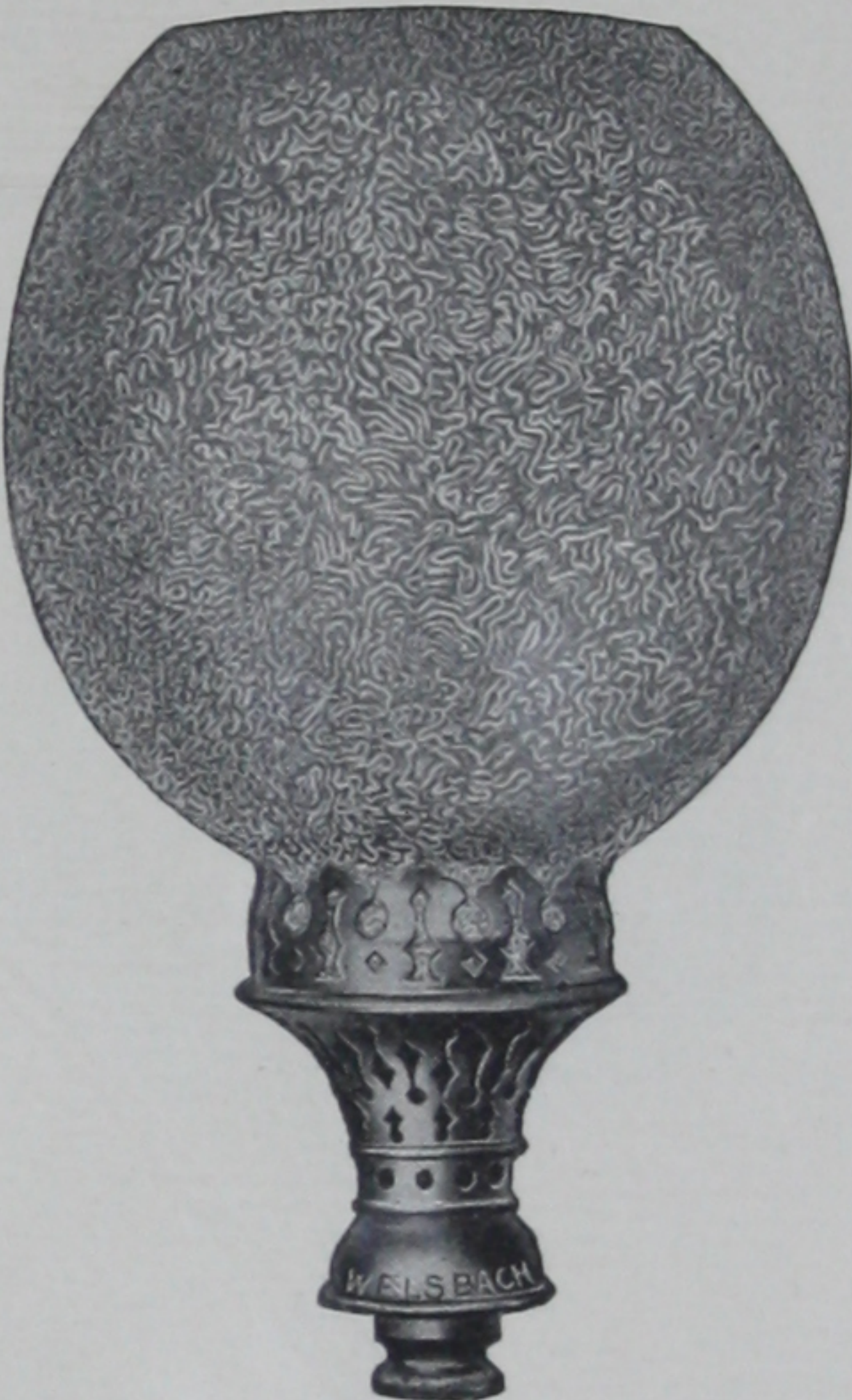
Embossed design, iced mat inside.

Fitting, 2 3/8 inches.

Package contains 3 dozen.

PRICES:

Crystal,...	\$0.75 each.	\$7.00 doz.
Salmon,...	.90 "	8.50 "
Rose,....	1.00 "	9.00 "



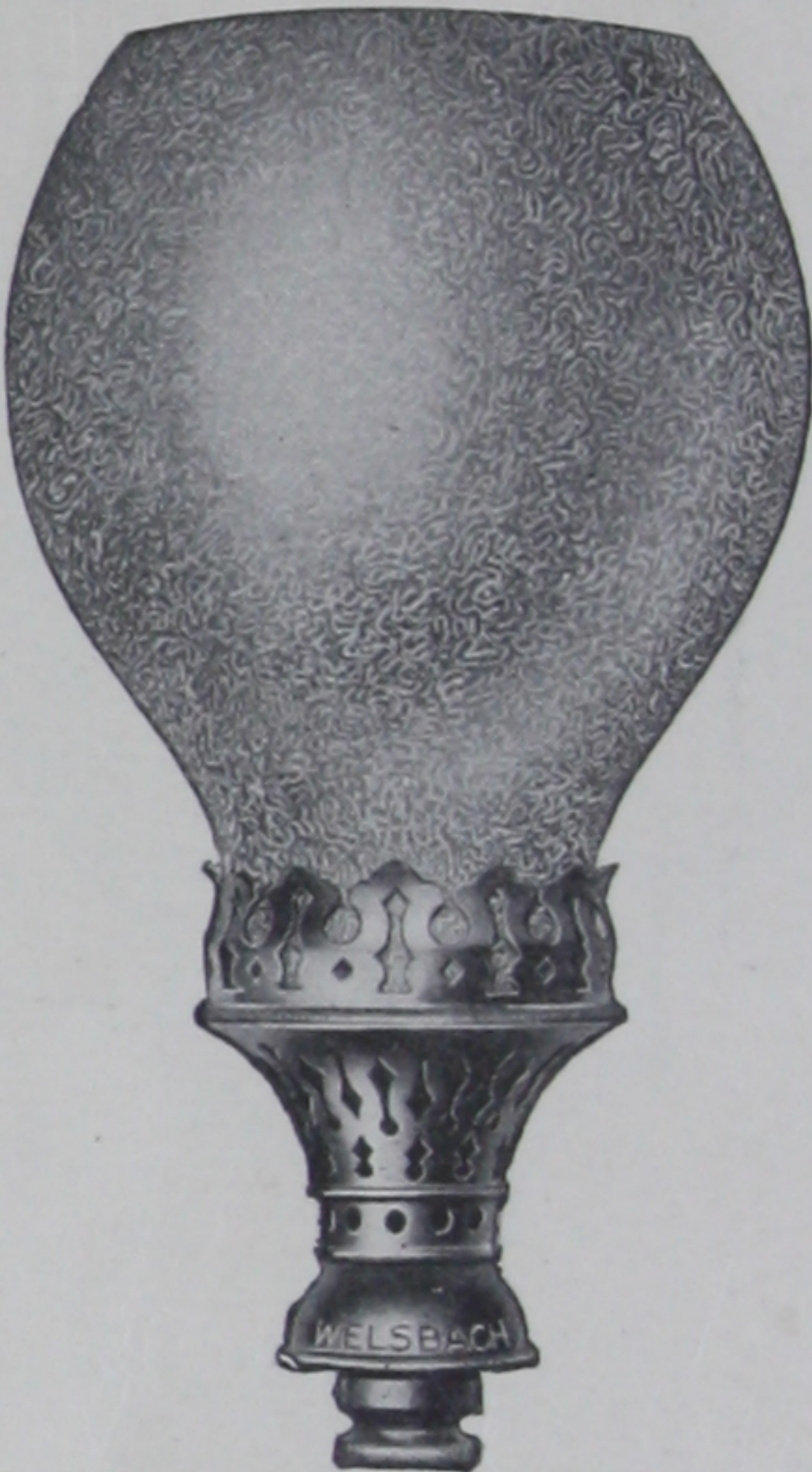
DESIGN No. 266.

Ruby, iced mat inside.

Fitting, 2 inches.

Package contains 3 dozen.

Price, each,.....	\$1.10
" per dozen,.....	11.00



DESIGN No. 282.

Ruby, iced mat inside,

Fitting, 2 inches.

Package contains 3 dozen.

Price, each,.....	\$1.10
" per dozen,.....	11.00

Fancy Globes for No. 61 and No. 63 Universal Welsbach Burners

Fitting, 2 $\frac{3}{8}$ inches.

Price quoted is for glassware only.

Packages charged at manufacturer's schedule.



DESIGN No. 0461.

French roughed and etched inside.

Package contains 3 dozen.

PRICES:

Yellow, ... \$1.00 each. \$9.00 doz.



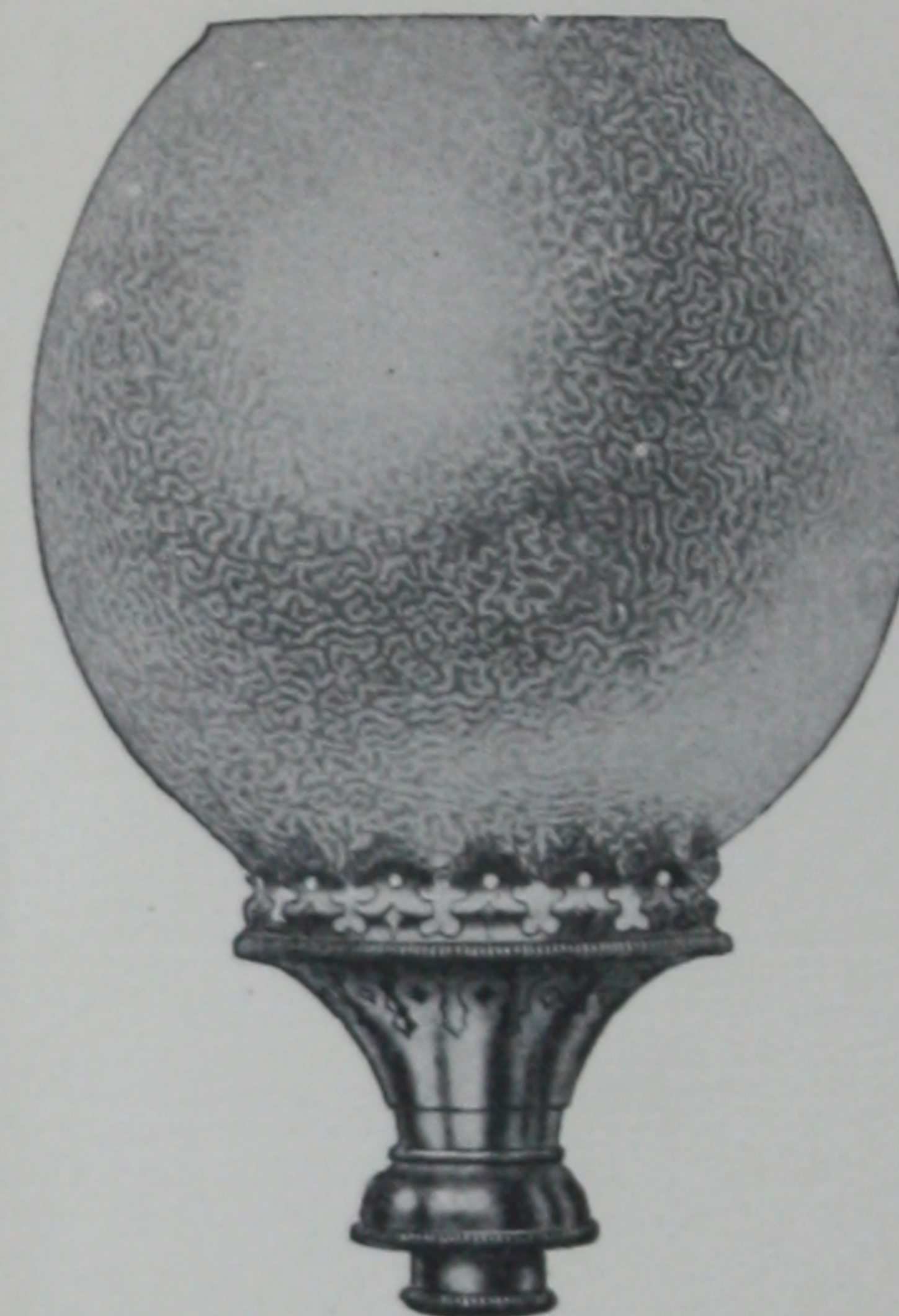
DESIGN No. 0462.

French roughed and etched inside.

Package contains 3 dozen.

PRICES:

Crystal, ... \$0.75 each. \$7.00 doz.
Yellow, ... 1.00 " 9.00 "



DESIGN No. 166.

Crystal, iced mat inside.

Package contains 5 dozen.

PRICES:

Each, ... \$0.55
Per dozen, ... 5.00



DESIGN No. 182.

Crystal, iced mat inside.

Package contains 5 dozen.

PRICES:

Each, ... \$0.55
Per dozen, ... 5.00

Fancy Globes for No. 71 Welsbach Burners

Fitting, 2 and 2 $\frac{3}{4}$ inches.

Prices quoted are for glassware only.

Packages charged at manufacturer's schedule.



DESIGN No. 0689.

Crystal Bird's-eye Etching.

Package contains 3 dozen.

Price, each,..... **\$0.75**
 " per dozen,..... **7.50**



DESIGN No. 0690.

Ribbed and French Roughed.

Package contains 3 dozen.

Price, per dozen,..... **\$3.50**
 " original package, per
 dozen,..... **3.00**



DESIGN No. 0469.

Embossed design, iced and mat
 inside.

Fitting, 2 $\frac{3}{4}$ inches.

Package contains 3 dozen.

Price, crystal, each,..... **\$1.00**
 " " per dozen,.... **10.00**



DESIGN No. 0699.

French Roughed and Etched inside.

Package contains 3 dozen.

Price, each,..... **\$0.75**
 " per dozen,..... **7.00**

Gas Globes—4-inch Fitters

For use with all Welsbach Burners by means of No. 16 and No. 30 Globe Rings, illustrated on page 15. Packages charged at manufacturer's schedule.



DESIGN No. 1479. DEEP WHITE ETCHED.

Three dozen to barrel.

Price per dozen:

Broken package,	\$8.75
Original "	8.00



DESIGN No. 1687. DEEP WHITE ETCHED.

Three dozen to barrel.

Price, per dozen:

Broken package,	\$7.70
Original "	7.00



DESIGN No. 179 B. FISH-SCALES.

Four dozen to barrel.

Price, per dozen:

Broken package,	\$2.60
Original "	2.15



DESIGN No. 0326 B. PRESSED GLASS.

Four dozen to barrel.

Price, per dozen:

Broken package,	\$2.60
Original "	2.15



DESIGN No. 1712. WHITE ETCHED.

Four dozen to barrel.

Price, per dozen:

Broken package,	\$4.50
Original "	3.90



DESIGN No. 1714. WHITE ETCHED.

Four dozen to barrel.

Price, per dozen:

Broken package,	\$4.00
Original "	3.40

Gas Globes—4-inch Fitters

For use with all Welsbach Burners by means of No. 16 and No. 30 Globe Rings, illustrated on page 15. Packages charged at manufacturer's schedule.



DESIGN No. 162 1/2 B. HERRING-BONE RIBBED.

Four dozen to barrel.

Price, per dozen:

Broken package,	\$5.40
Original "	4.80

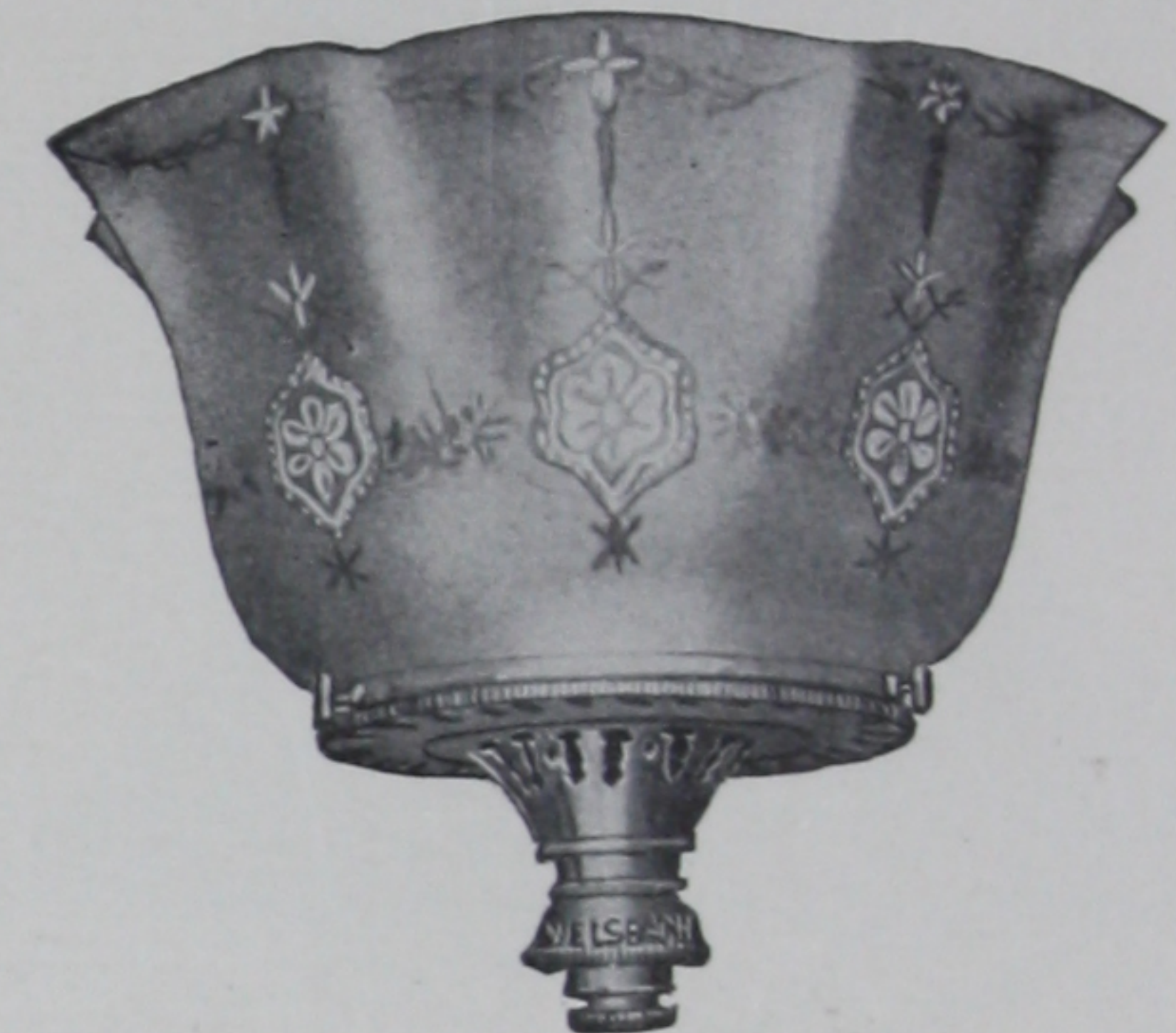


DESIGN No. 167 C. BEADED SCALES.

Three dozen to barrel.

Price, per dozen:

Broken package,	\$3.30
Original "	2.80



DESIGN No. 1418. WHITE ETCHED.

Three dozen to barrel.

Price, per dozen:

Broken package,	\$4.60
Original "	4.00



DESIGN No. 1678. DOUBLE ETCHED AND CUT.

Three dozen to barrel.

Price, per dozen:

Broken package,	\$12.00
Original "	11.00



DESIGN No. 568. ACID-ROUGHED AND ETCHED.

Three dozen to barrel.

Price, per dozen:

Broken package,	\$10.40
Original "	9.60



DESIGN No. 133 B. BEADED AND RIBBED.

Three dozen to barrel.

Price, per dozen:

Broken package,	\$3.00
Original "	2.50

Electric Globes. For use with No. 82 Welsbach Socket Burner or Welsbach Junior Burner

Fitting, 2 1/4 inches.

Prices quoted are for glassware only.

Packages charged at manufacturer's schedule.



DESIGN No. 1678. DOUBLE ETCHED AND CUT.
Package contains 10 dozen.

Price, per dozen:

Broken package,.....	\$11.00
Original ".....	10.00



DESIGN No. 0568. ACID-ROUGHED AND ETCHED.
Package contains 8 dozen.

Price, per dozen:

Broken package,.....	\$8.80
Original ".....	8.60



DESIGN No. 1687. DEEP WHITE ETCHED.
Package contains 10 dozen.

Price, per dozen:

Broken package,.....	\$6.70
Original ".....	6.50



DESIGN No. 162 1/2 B. HERRING BONE RIBBED.
Package contains 10 dozen.

Price, per dozen:

Broken package,.....	\$4.50
Original ".....	4.30



DESIGN No. 167 C. BEADED SCALES.
Package contains 10 dozen.

Price, per dozen:

Broken package,.....	\$2.70
Original ".....	2.50



DESIGN No. 0326 B. PRESSED GLASS.
Package contains 12 dozen.

Price, per dozen:

Broken package,.....	\$2.00
Original ".....	1.80

An assortment of 1 1/2 dozen of each of the 6 designs of globes illustrated-9 dozen in all-will be packed in one barrel at the original package price, when shipped F. O. B. manufacturer.

Imported and Domestic Portables and Shades



Lamp No. 34325

Portable—Pompeian finish.

Shade—14 inch octagonal, green opal art glass, overlaid with cast metal design.

Height over all, including shade, 19 inches.

Price, (Portable, Shade and Holder). **\$15.00**



Lamp No. 722

Portable—Ebony and green finish.

Shade—13 inches square, new amber green art glass, overlaid with sheet metal design.

Height over all, including shade, 22 inches.

Price, (Portable, Shade and Holder). **\$12.00**



Lamp No. 158

Portable—Pompeian finish.

Shade—13 inches square, amber opal art glass, overlaid with sheet metal design.

Height over all, including shade, 20 inches.

Price, (Portable, Shade and Holder). **\$12.00**

Imported and Domestic Portables and Shades

Shade No. 174. Green art glass overlaid with sheet metal straps. Size 10 inches. 4-in. Green Fringe. Metal finished in Brushed Brass. Depth, including fringe, 11 in.

Price, each.....\$5.50



Portable No. 714. Height, 10½ in. Finish, Brushed Brass.

Price, Portable only.....\$2.25

Shade No. 128. Hexagonal amber opal art glass. Size 12 in. 4-in. Gold Fringe. Metal finished in Brushed Brass. Depth, including fringe, 11½ in.

Price, each.....\$4.50



Portable No. 708. Height, 10½ in. Finish, Viennese Bronze.

Price, Portable only.....\$3.50

Shade No. 168. Green art glass with star leaded in ruby and amber. Size 14-in. 4-in. Green Fringe. Metal finished in Pompeian. Depth, including fringe, 11½ in.

Price, each.....\$12.00



Portable No. 706. Height, 12½ in. Finish, Pompeian.

Price, Portable only.....\$4.50

Imported and Domestic Portables and Shades

Shade No. 130. Hexagonal green art glass with ruby design leaded in border and crown. Size 16 inches. 4-in. Green Fringe. Metal finished in Brushed Brass or Pompeian. Depth, including fringe, 12 in.

Price, each.....\$11.00

Shade No. 171. Green art glass with 2-in. apron. Size 10 in. Metal finished in Brushed Brass. Depth, 7 inches.

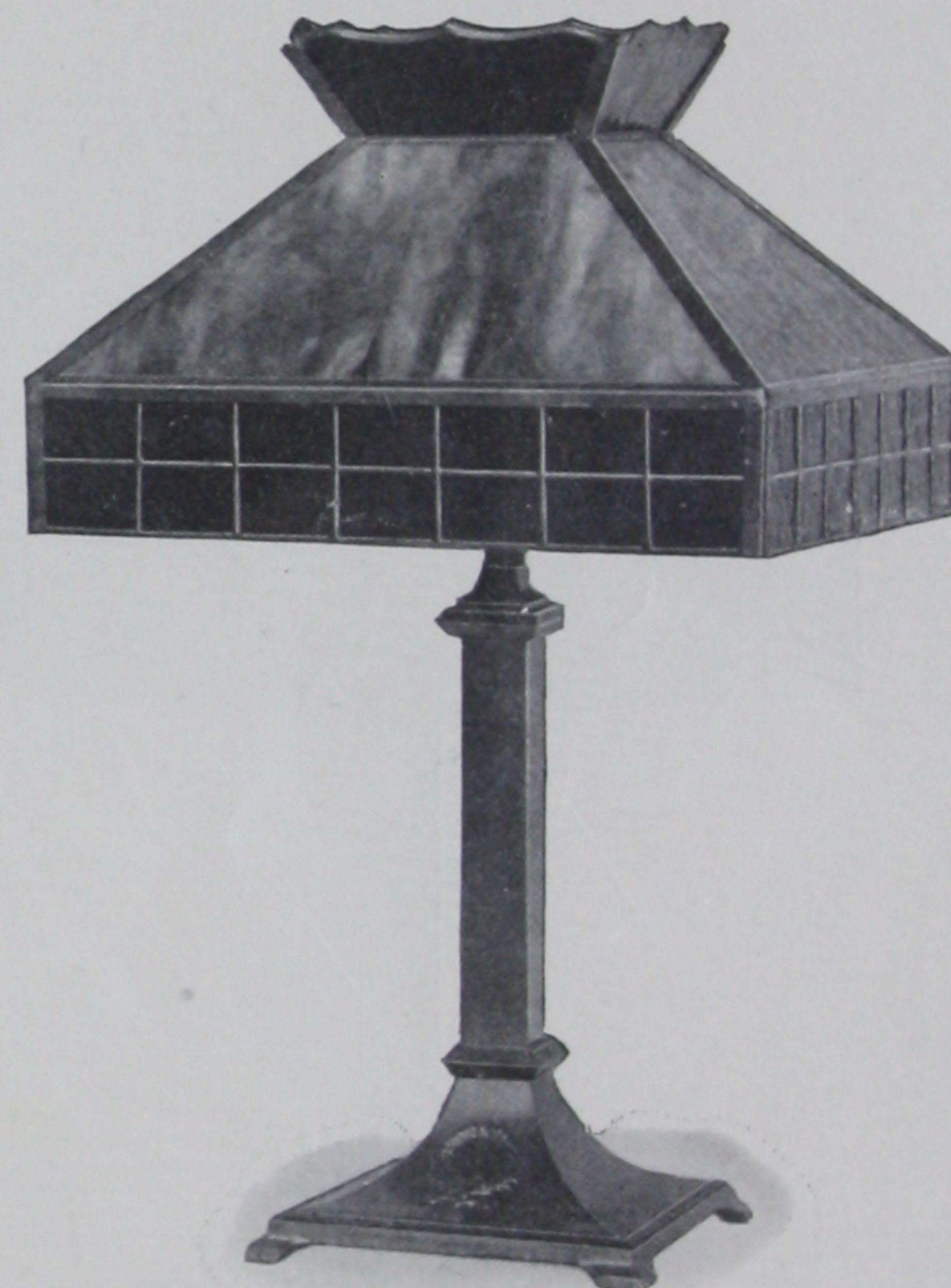
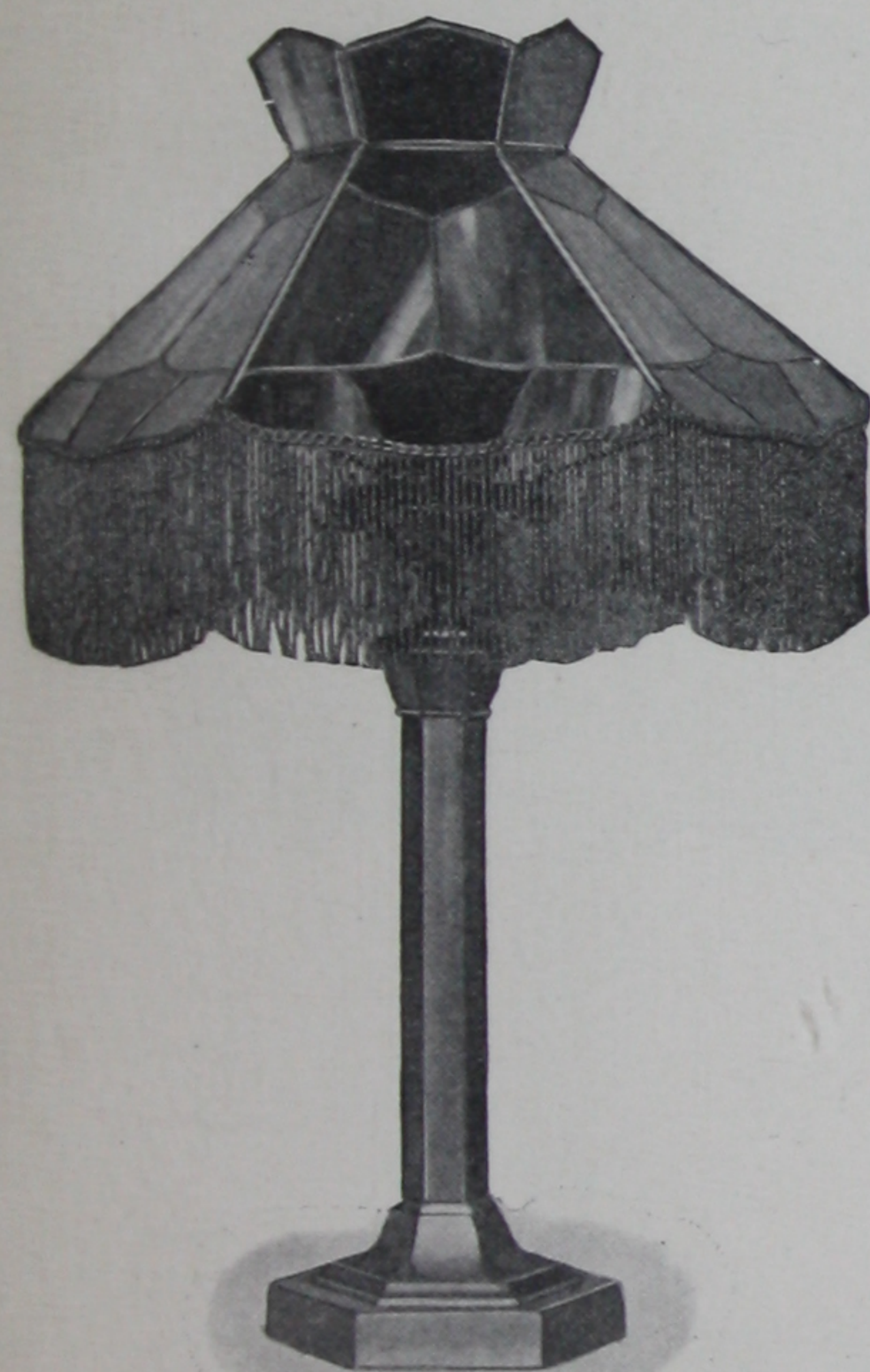
Price, each.....\$4.25

Shade No. 143. Green art glass. Size 10-in. 3-in Green Fringe. Metal finished in Pompeian. Depth, including fringe, 10 in.

Price, each.....\$3.75

Shade No. 175. Amber and ruby art glass with strapped apron. Size 12 inches. Metal finished in Brushed Brass or Pompeian. Depth, 8½ inches.

Price, each.....\$6.00



Portable No. 622. Height, 15 in. Finish, Brushed Brass or Pompeian.

Price, Portable only,.....\$5.00

Portable No. 208. Height, 10½ in. Finish, Brushed Brass and Black.

Price, Portable only,.....\$.95

Portable No. 593. Height, 10½ in. Finish, Pompeian.

Price, Portable only,.....\$2.00

Portable No. 589. Height, 12 in. Finish, Brushed Brass or Pompeian.

Price, Portable only,.....\$2.00

Imported and Domestic Portables and Shades

Shade No. 166. Green art glass with amber border, and ruby corners. Size 12 inches. 4-in. Gold Fringe. Metal finished in Brushed Brass, Japanese Bronze or Pompeian. Depth, including fringe, 11½ in.

Price, each.....\$7.50



Portable No. 619. Height, 11 inches. Finish, Brushed Brass, Japanese Bronze or Pompeian.

Price, Portable only.....\$3.25

Shade No. 201. Green art glass. Six bent panels, diameter 12 inches. 4 inch Green Fringe. Metal finished in Brushed Brass. Depth, including fringe, 12 in.

Price, each.....\$4.50



Portable No. 625. Height, 12 inches. Finish, Japanese Bronze and Verd.

Price, Portable only.....\$2.50

Shade No. 139. Amber art glass. Eight bent panels, diameter 14 inches. 4 inch Gold Fringe. Metal finished in Brushed Brass, Japanese Bronze or Pompeian. Depth, including fringe, 12 in.

Price, each.....\$9.50



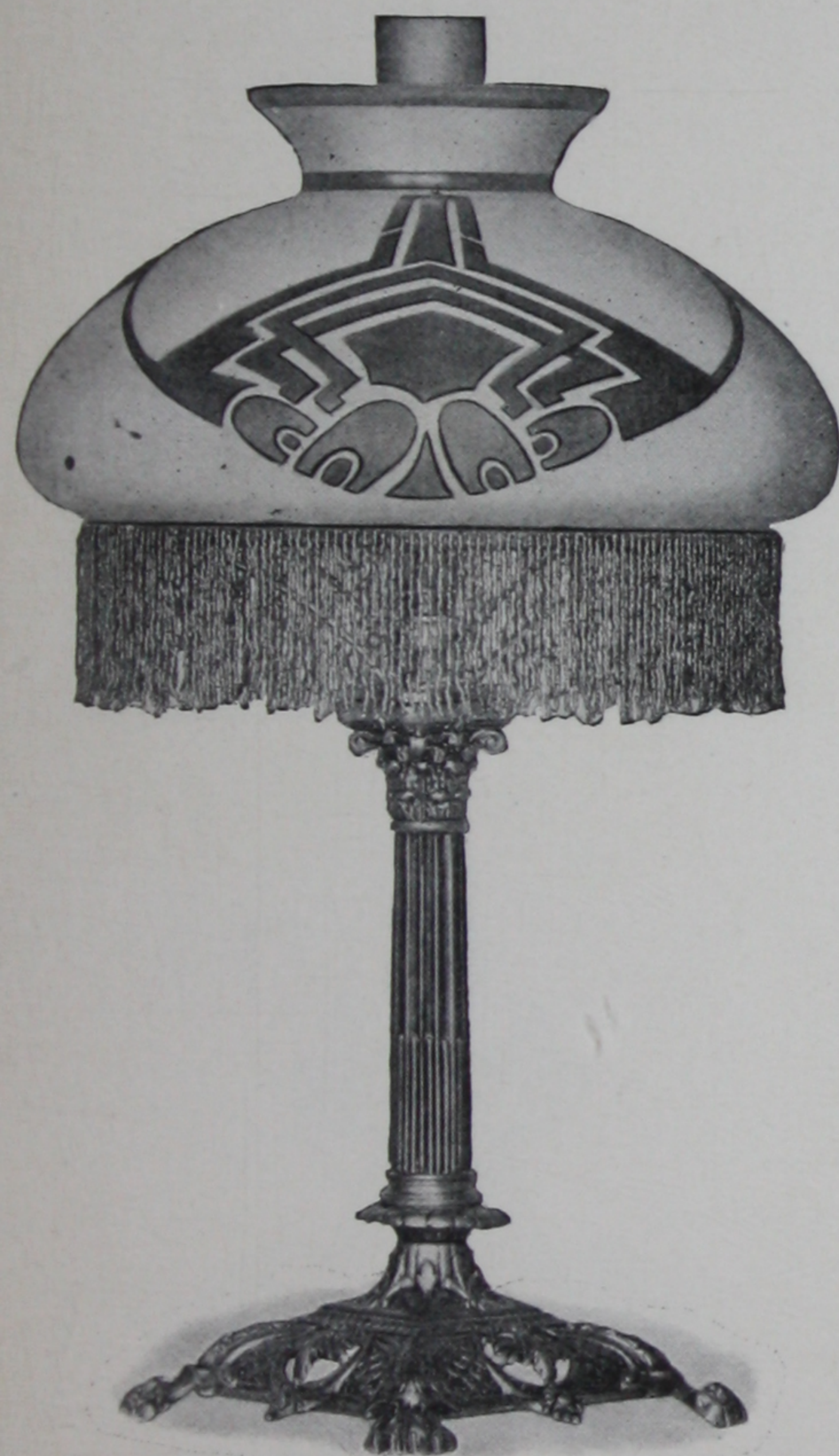
Portable No. 621. Height, 11½ in. Finish, Brushed Brass, Japanese Bronze or Pompeian.

Price, Portable only.....\$3.00

Imported and Domestic Portables and Shades

Shade No. 0710. Conventional design in light green and ruby, edged with black lines. Crystal ground. Inside iced and mat.

Price, 10-in., each,.....**\$3.00**



Portable No. 709. Height, 11 inches.
Finish, Old English and Black.

Price, Portable only,.....**\$2.75**

Shade No. 074. Conventional cone design in green and ruby, edged with black lines. Crystal ground. Inside iced and mat.

Price, 10-in., each,.....**\$3.00**



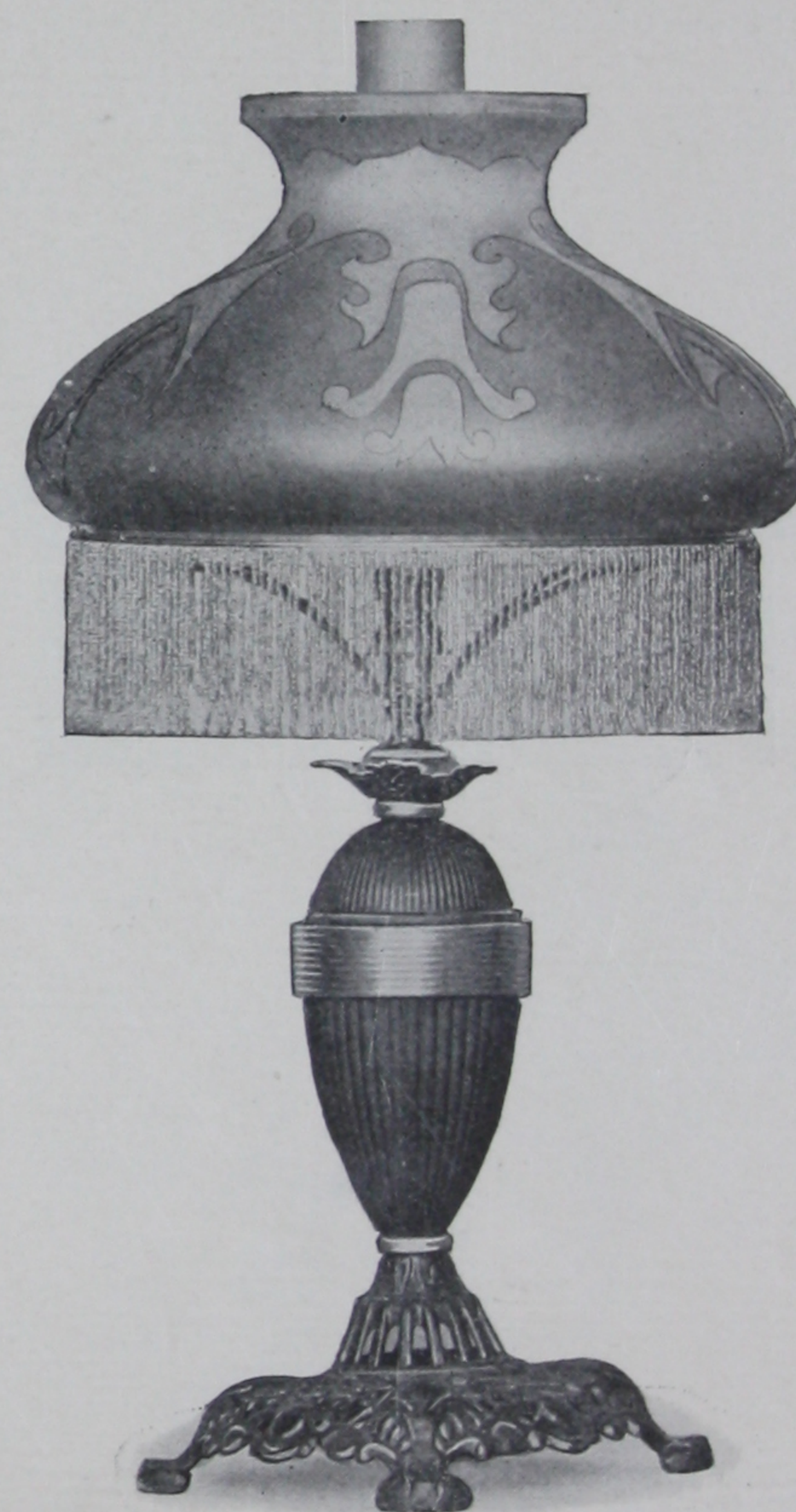
Portable No. 693. Height, 12 inches.
Finish, Old English and Black.

Price, Portable only,.....**\$3.25**

Shade No. 0717. Conventional design in light green, edged with black lines. Golden-rod ground. Inside iced and mat.

Price, 12-in., each,.....**\$7.00**

" 10-in., " **5.00**



Portable No. 599. Height, 10 inches.
Finish, Old Brass and Black.

Price, Portable only,.....**\$1.40**

Imported and Domestic Portables and Shades

Shade No. 0721. Autumn leaf wreath design in blended green, ruby, yellow and pink, edged with black. Light-green ground. Dark-green border top and bottom. Inside iced and mat.

Price, 12-in., each,.....\$8.00
 " 10-in., " 6.00

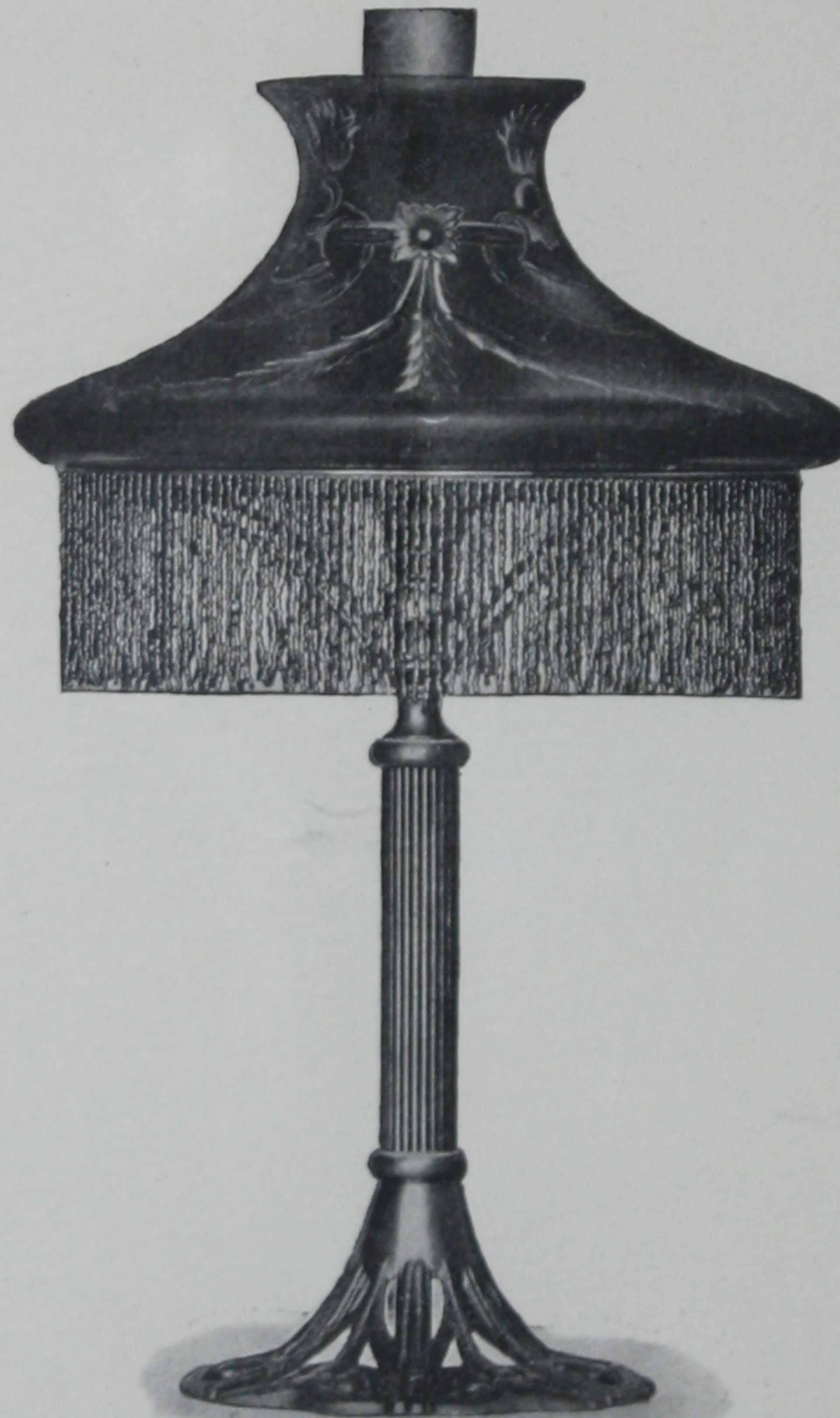


Portable No. 715. Height, 11 inches.
 Finish, Old Copper and Verd

Price, Portable only,.....\$2.20

Shade No. 0725. Empire decoration in blended brown, yellow and crystal, edged with gold. Dark-green ground. Inside iced and mat.

Price, 12-in., each,.....\$8.50
 " 10-in., " 6.50

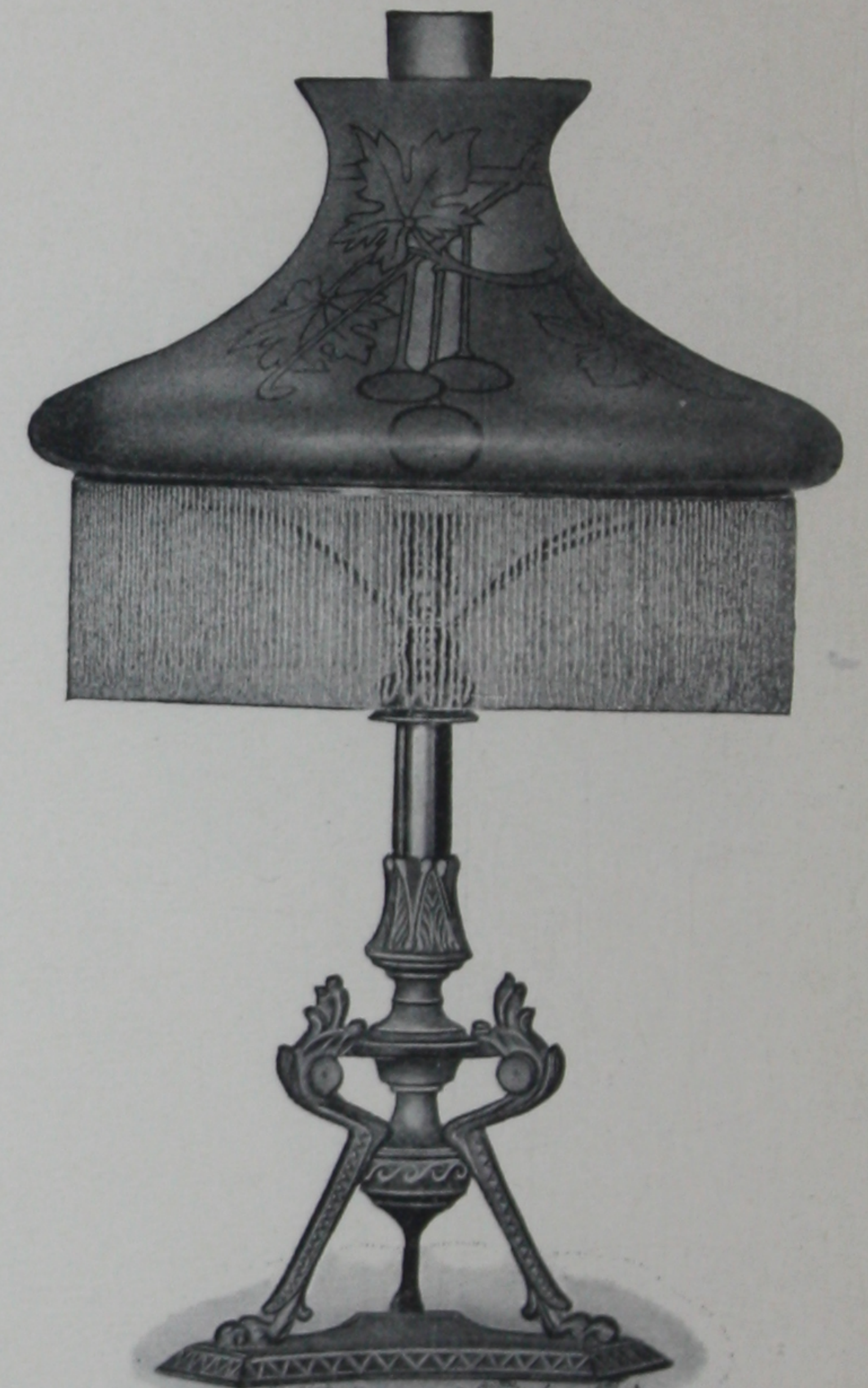


Portable No. 705. Height, 9½ inches.
 Finish, Old English and Black.

Price, Portable only,.....\$1.00

Shade No. 0719. Conventional arbor design in yellow, with black lines. Light-green ground. Inside iced and mat.

Price, 12-in., each,.....\$7.00
 " 10-in., " 5.00



Portable No. 592. Height, 10 inches.
 Finish, Black, Verd. and Brass.

Price, Portable only,.....\$1.80

Imported and Domestic Portables and Shades

Shade No. 077. Conventional design in green and pink, edged with black lines. Ground of crystal frost effect. Inside iced and mat.

Price, 12-in., each,.....\$6.00
 " 10-in., " 4.00



Portable No. 206. Height, 9½ inches. Finish, Polished Brass and Black.

Price, Portable only,.....\$.80

Shade No. 0571. Yellow, green or royal copper. Opal lined.

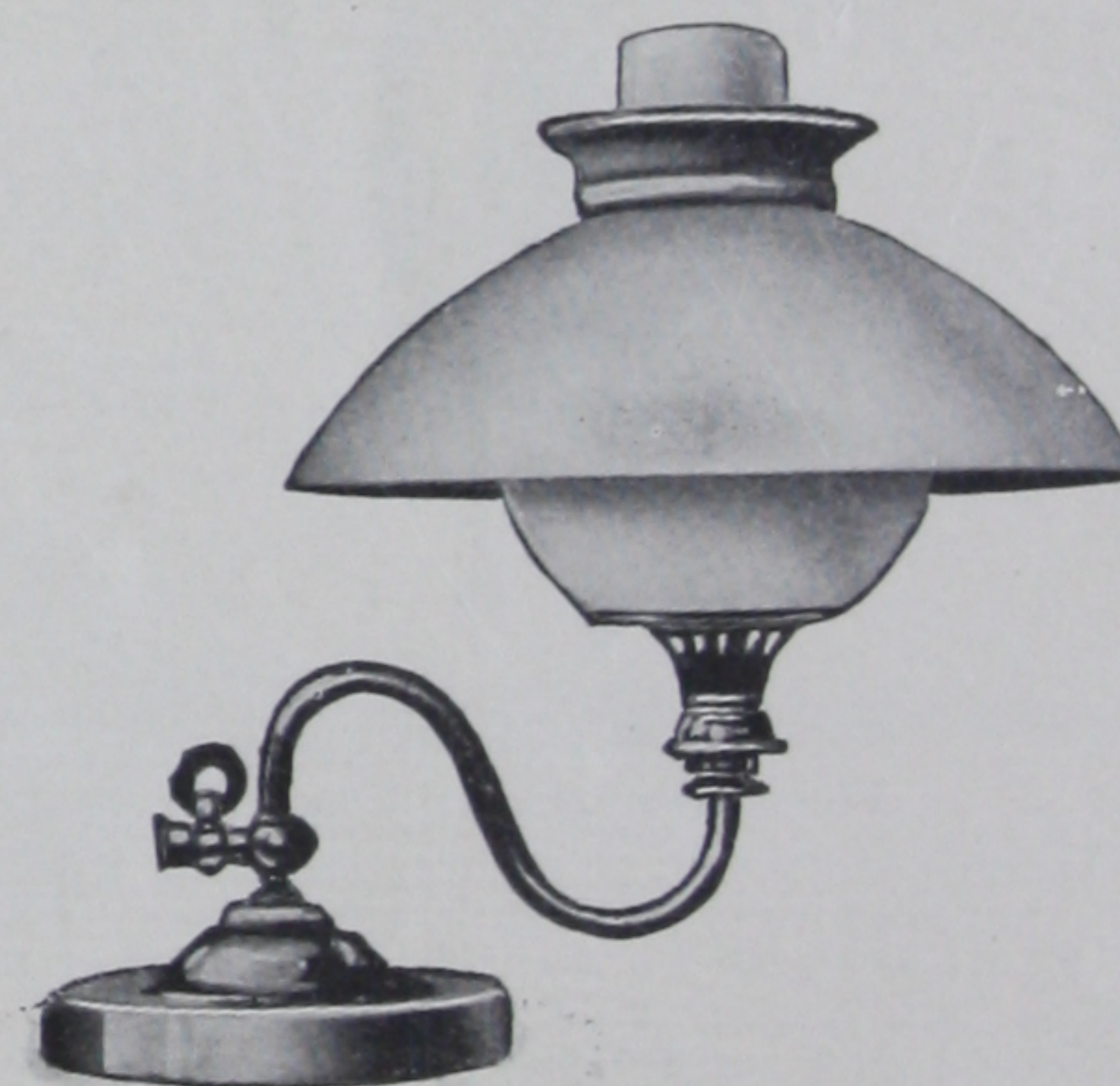
Price, 12-in., royal copper, per doz....\$30.00
 " 10-in., " " " .. 25.00
 " 12-in., yellow, " .. 25.00
 " 10-in., " " .. 20.00
 " 12-in., green, " .. 15.00
 " 10-in., " " .. 10.00



Portable No. 616. Height, 9½ inches. Enameled Wood Column. Finish, Ruby and Black or Green and Black.

Price, Portable only, without cock,.....\$.50

Shade No. 10/43. Prices of this shade will be found on page 25.

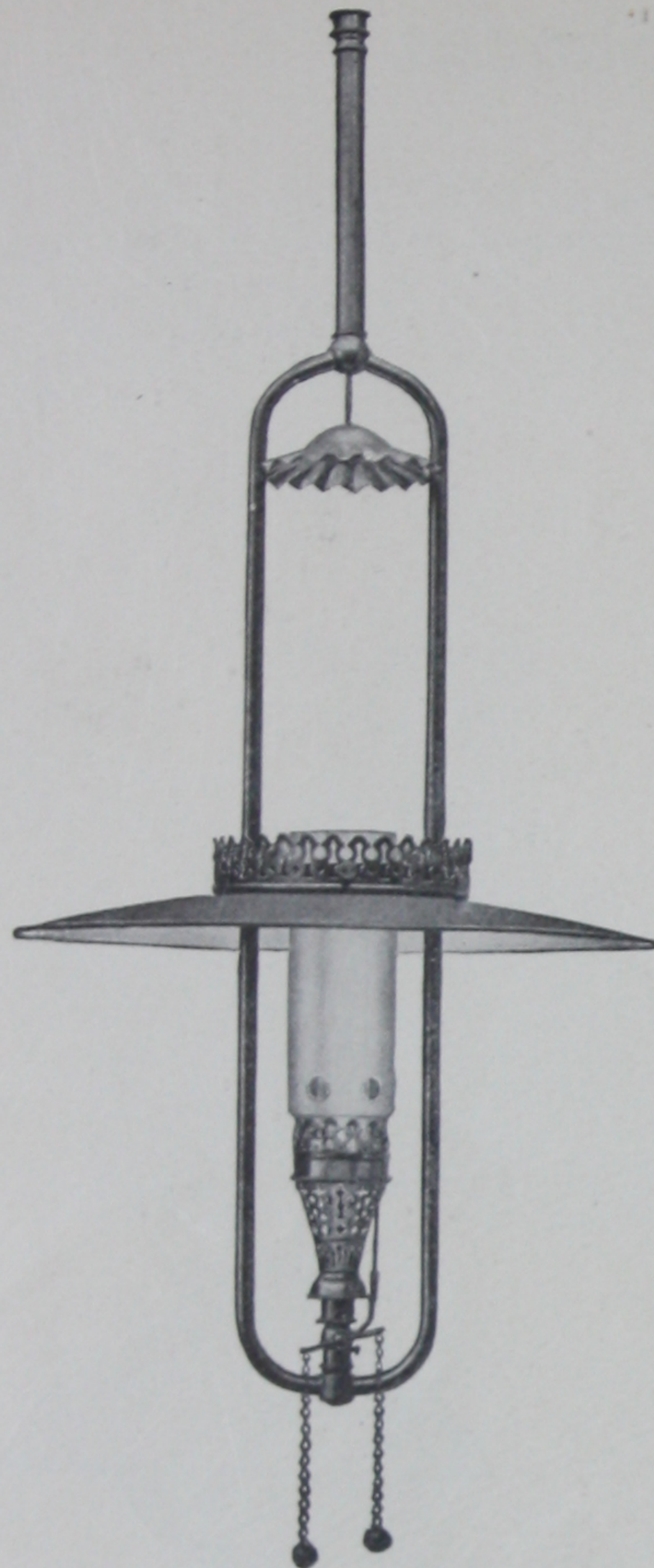


Desk Portable No. 624. Height, 4½ inches. Polished Brass.

Price, Portable only,.....\$2.00

Welsbach Harp Fixtures and Reflecting Shades

Packages charged for at manufacturer's schedule.



No. 5 HARP FIXTURE.
Finish, Polished Brass.

Length of fixture, 30 inches. Length of harp, 22 inches. Width, 4½ inches.

Equipped with No. 66 high candle-power Welsbach Burner, side pilot by-pass, tube covered with refractory sleeve to prevent bending, smoke bell, and 14-inch reflector attached to an adjustable brass crown.

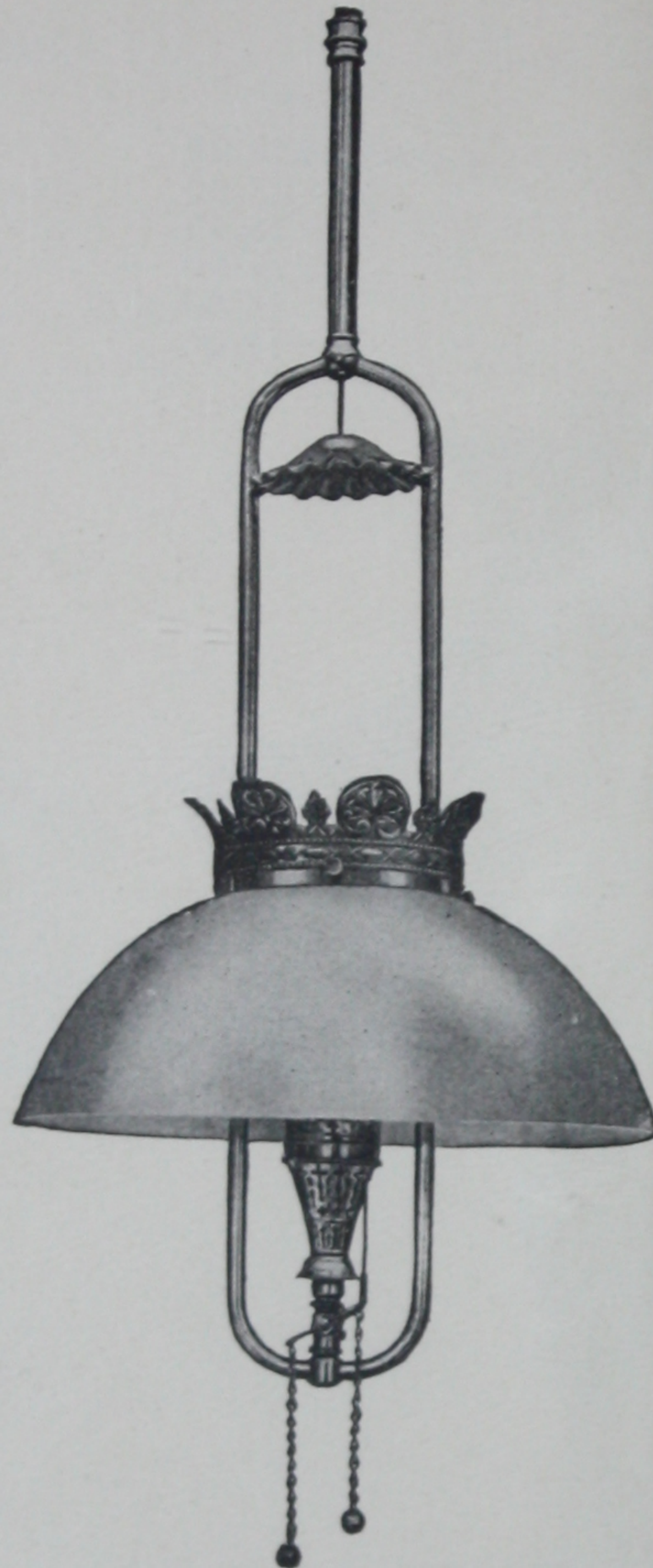
Packed one dozen to the case, without air-hole cylinder or mantle, and so priced.

With No. 5 Opal Glass Reflector.

Price, each, \$4.00; per dozen, \$45.00.

With No. 5 Steel Enameled Reflector.

Price, each, \$4.25; per dozen, \$48.00.

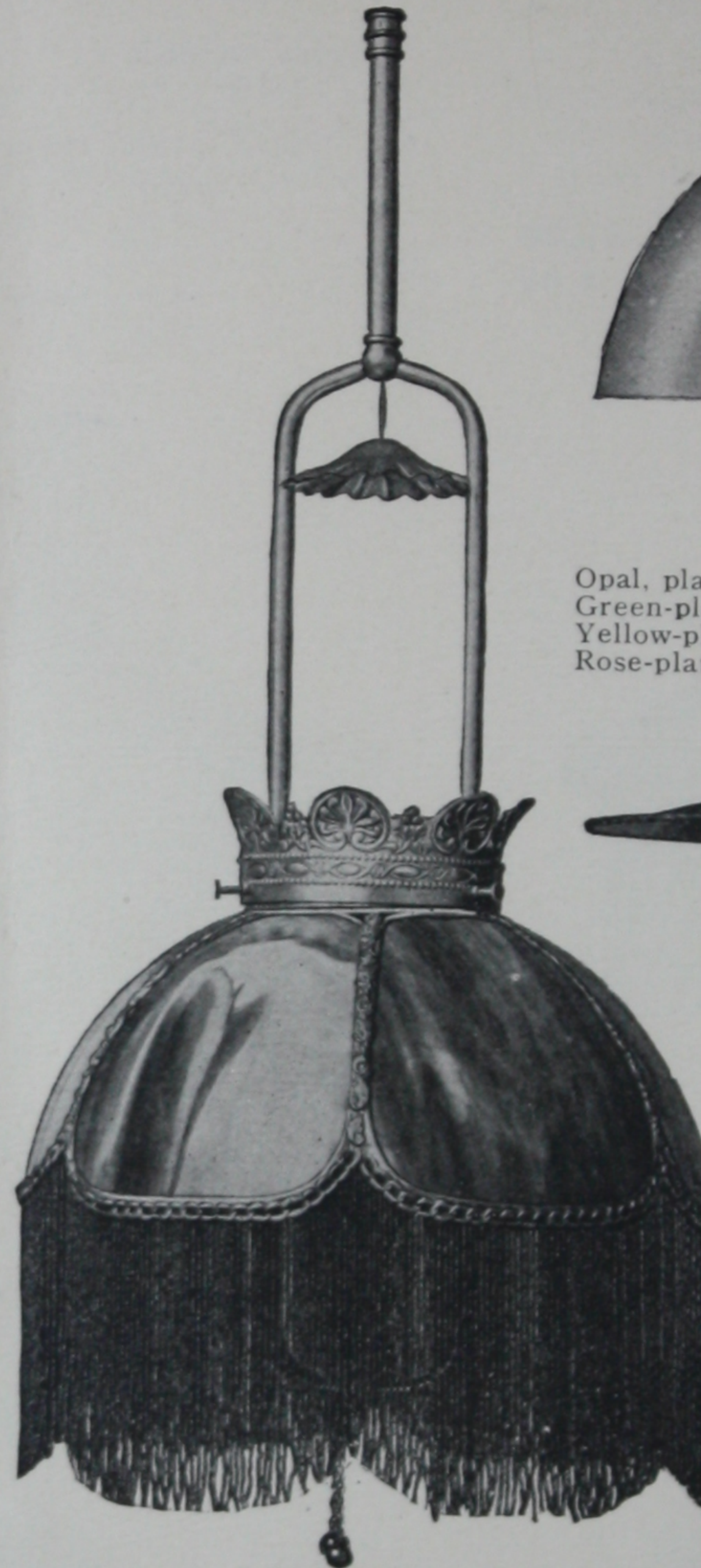


No. 6 HARP FIXTURE.
Finish, Polished Brass.

Same dimensions and equipment as No. 5 Harp, except shade and crown. No. 6 Harp having 14-inch opal dome shade and adjustable embossed shade crown 2¼ inches high.

Packed one dozen to the case, without air-hole cylinder or mantle, and so priced.

Price, each, \$4.50; per dozen, \$51.00

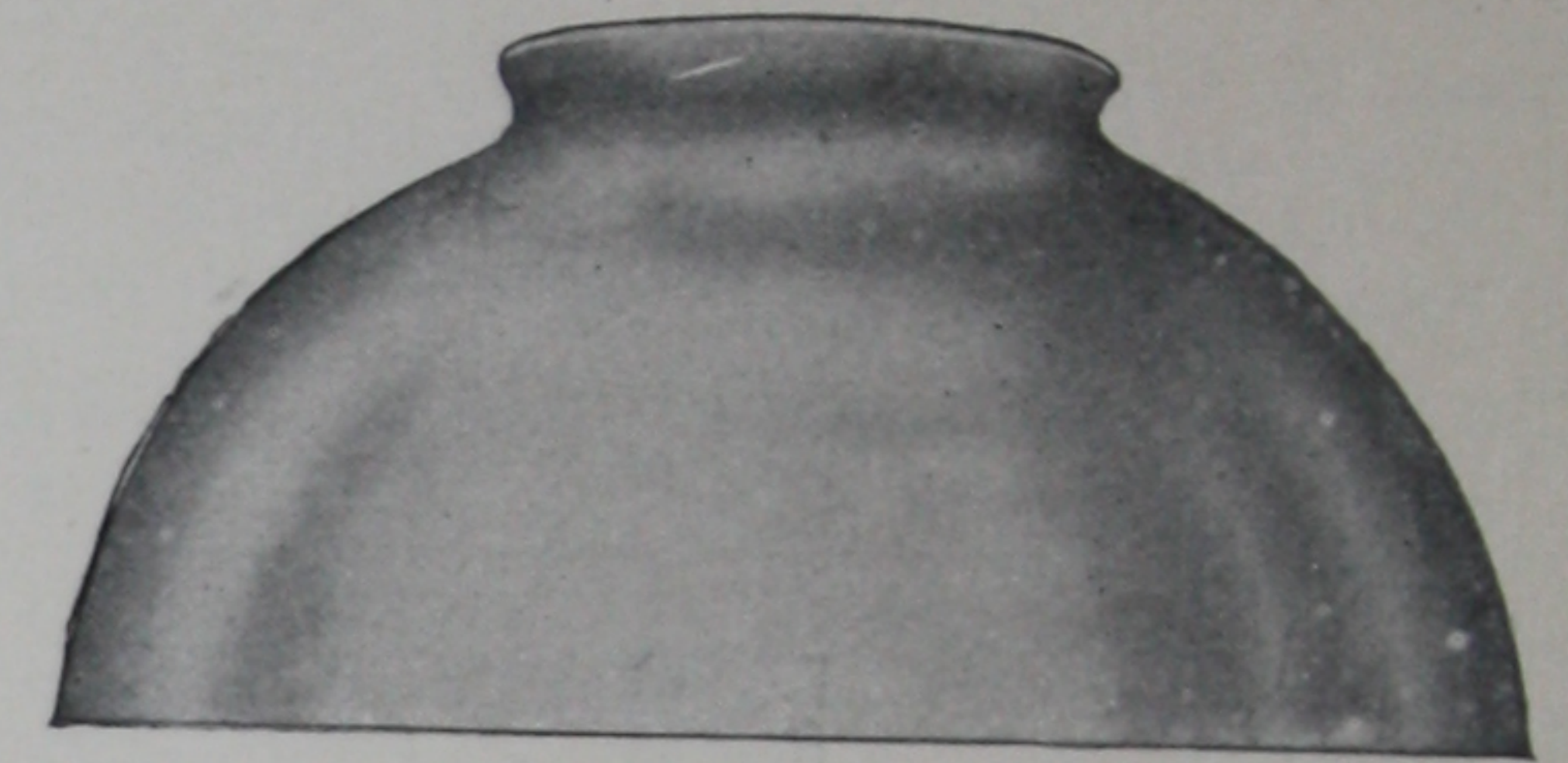


No. 7 HARP FIXTURE.
Finish, Brush Brass.

Same dimensions and equipment as No. 6, except shade, No. 7 having 14-inch green or ruby art glass shade with 5-inch beaded fringe.

Packed one dozen to the case, without air-hole cylinder or mantle, and so priced.

Price, each, \$13.50; per dozen, \$140.00.



No. 6 SHADE.

Diameter, 14 inches.

Package contains 1 dozen.

Opal, plain.....	\$0.85 each.	\$8.00 dozen.
Green-plated.....	3.75 "	39.00 "
Yellow-plated.....	4.25 "	46.00 "
Rose-plated.....	4.25 "	46.00 "



No. 5 REFLECTOR.

Diameter, 14 inches.

Package contains 2 dozen.

Price, steel enameled, each.....	\$1.00
per dozen,	10.00
" opal glass, each.....	.65
per dozen,	6.00

We recommend equipping harp fixtures with either clear or opal No. 306 air-hole cylinder and No. 4197 Intensive Brand Welsbach Mantle.

Improved Welsbach Portico Lamp

Finish—Black Steel

Height of Lamp, 12 inches.

Height, including Harp, 28 inches.

For use in draughty places, such as vestibules, porches, pavilions, hotels, and all places where continued draughts have heretofore prevented the satisfactory use of incandescent gaslights.

This lamp is so constructed that the globe and holder can be lifted from the bunsen tube and taken indoors for cleaning globe and renewing mantle.

PRICES :

- No. 1. Without harp, with opal or acid-roughed globe, each,..... **\$2.75**
 No. 2. With harp, and opal or acid-roughed globe, each,..... **5.75**

When not otherwise specified, acid-roughed globes will be sent.

No. 433 Globe for Portico Lamp

Packages charged at manufacturer's schedule.

8 inches in diameter—2 $\frac{7}{8}$ inches top and bottom opening.

Package contains 1 dozen.

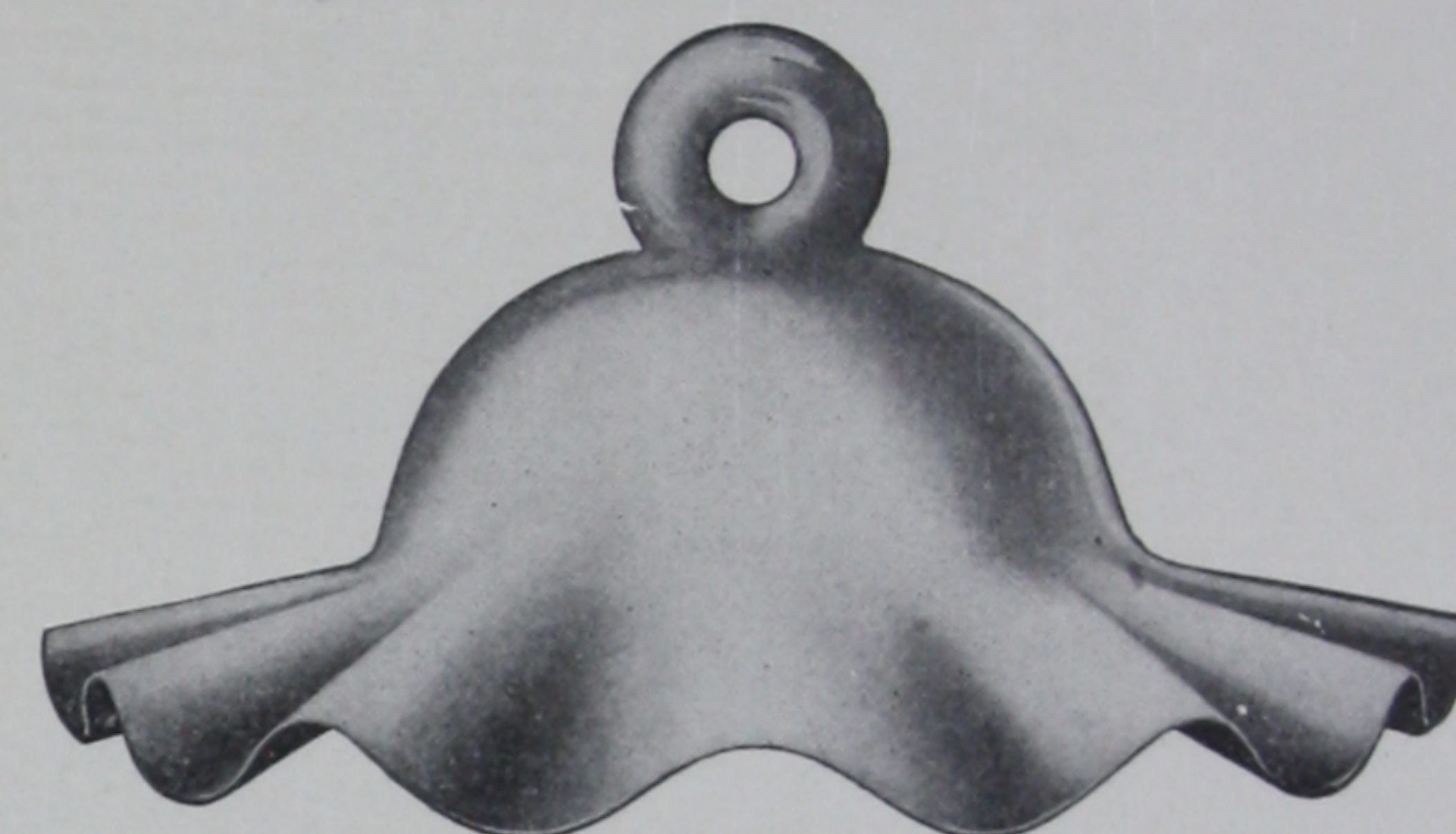
PRICES :

	Each.	Per doz.
Acid-roughed,.....	40c.	\$4.25
Opal,.....	45c.	4.50
French-roughed,	50c.	5.25



No. 6 Opal Smoke Shade

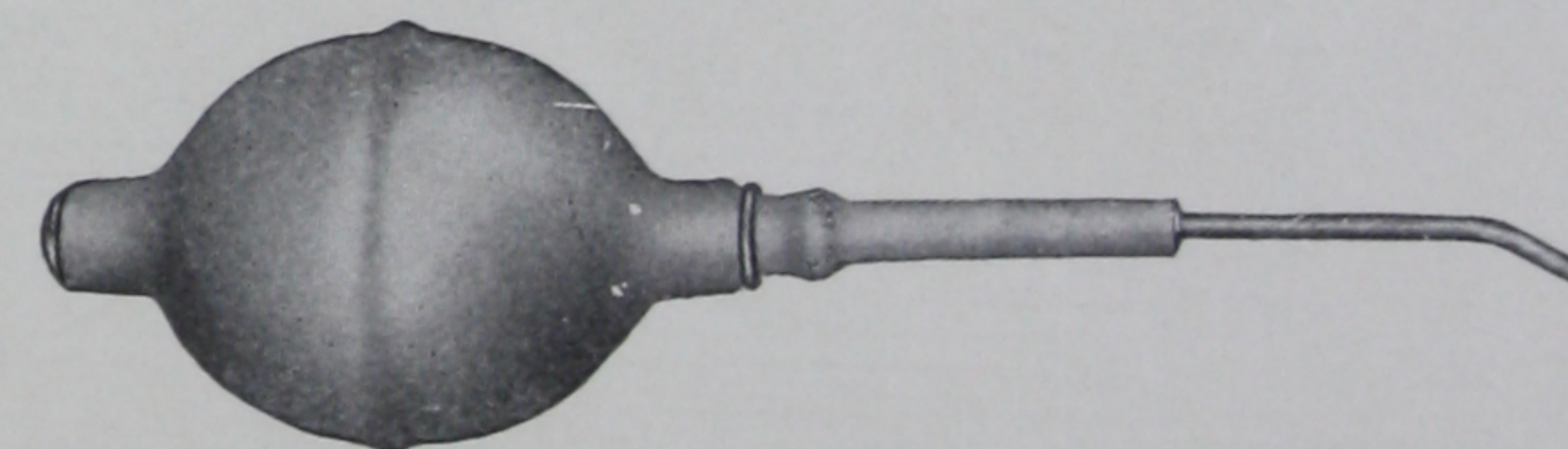
Packages charged at manufacturer's schedule.



Original package contains 10 dozen 6-inch, 7 $\frac{1}{2}$ dozen 7-inch, 6 dozen 8-inch.

	Original pkg. Per dozen.	Broken pkg. Per dozen.
6-inch,.....	\$1.30	\$1.60
7-inch,.....	1.40	1.80
8-inch,.....	1.60	2.00

No. 6 Pneumatic Cleaner for Bunsen Tubes

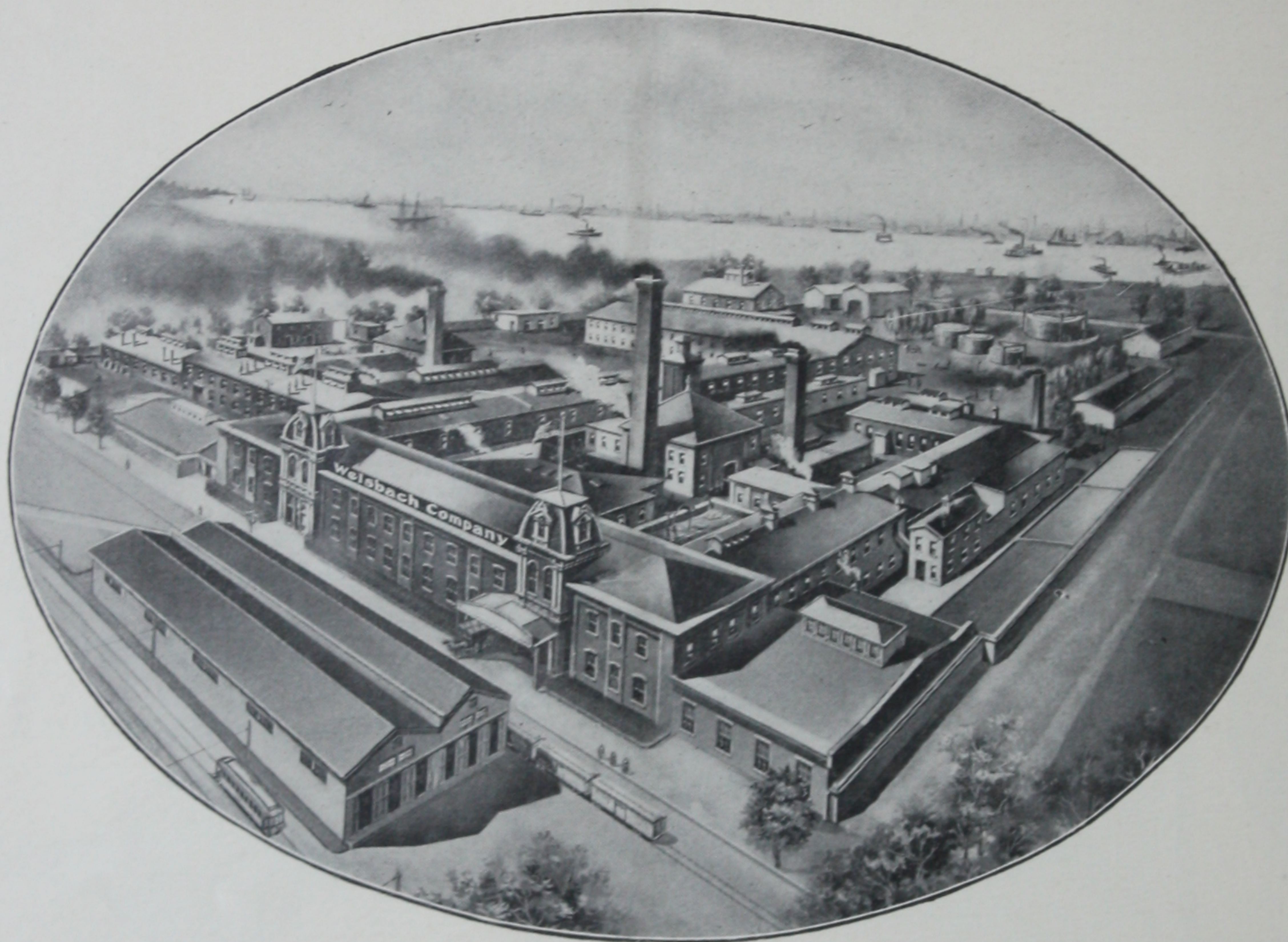


A rubber bulb with brass nozzle. By inserting nozzle in air ports of bunsen tube, dust and other obstructions can be removed from bunsen and gauze without removal of burner or damage to mantle.

Particularly adapted to arc lamps.

	Each.	Per doz.
Price,.....	60c.	\$6.00

MAIN FACTORY OF THE WELSBACH COMPANY.



GLOUCESTER, N. J.

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CCA